

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



as21  
.A75444  
Cup 2

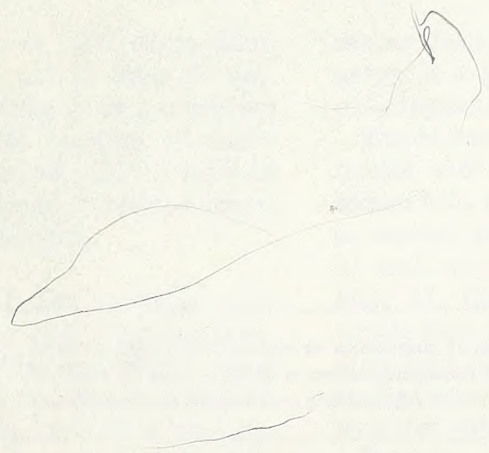
5

U.S. DEPT. OF AGRICULTURE  
NAT'L. AGRIC. LIBRARY  
RECEIVED

SEP 1 1976

**Cucumis Species Resistance to Striped Cucumber  
Beetle Seedling Feeding and Bacterial Wilt**  
CURRENT SERIAL RECORDS

ARS-NC-46  
August 1976



## Abstract

Screening trials with 1,643 plant introductions of cantaloupe, *Cucumis mello* L., and 50 other introductions of closely related *Cucumis* species indicated their resistance to striped cucumber beetle, *Acalymma vittata* Fab., feeding (on seedlings) and bacterial wilt, *Erwinia tracheiphila* E.S.F. Holland. A high degree of resistance to either one or both pests is present in commercial varieties of cantaloupe.

## Keywords:

Cantaloupe, *Cucumis*, Striped cucumber beetle, *Diabrotica undecimpunctata howardi*, *Erwinia tracheiphila*, resistance

## Acknowledgments

The authors acknowledge the following persons who provided technical assistance with the greenhouse, field, and laboratory work at Vincennes, Ind.: R. E. Dolphin, R. Grenard, T. E. Mouzin, N. J. Tromley, and H. L. Candler; the Plant Introduction Station, Ames, Iowa; W. G. Bohn, ARS, Brawley, Calif.; and seed companies for providing seed.

Mention of companies or commercial products does not imply recommendation or endorsement by the U.S. Department of Agriculture over others not mentioned.

# ***Cucumis* Species Resistance to Striped Cucumber Beetle Seedling Feeding and Bacterial Wilt**

B.D. Barry, J. A. Burnside, and H. S. Myers,  
*Entomologist, Agricultural Research Service, U.S. Department of Agriculture, Columbia, Mo.,*  
*Research Technician, Agr. Res. Ser., U.S. Dept. Agr., Weslaco, Tex.;*  
*and Laboratory Technician, Agr. Res. Ser., U.S. Dept. Agr., Vincennes, Ind.*

## **Introduction**

Bacterial wilt, *Erwinia tracheiphila* E.S.F. Holland, is transmitted to cantaloupe, *Cucumis mello* L., primarily by the striped cucumber beetle, *Acalymma vittata* Fab., in producing areas of the Midwest. Each year producers must apply some prophylactic measures to obtain profitable yields.

The cost of controlling the striped and spotted cucumber beetles, *Diabrotica undecimpunctata howardi* Barber, which in turn controls bacterial wilt, is about 8 percent of total cantaloupe production costs where these pests are economically important. Efforts are being made to reduce agricultural production costs and to reduce the necessity of chemical applications for insect and disease control.

One contribution to these efforts is the development of commercially acceptable varieties of cantaloupe that are resistant to seedling feeding of striped cucumber beetle and to bacterial wilt. Plants that are resistant to striped cucumber beetle will reduce the incidence of bacterial wilt; but these plants cannot control it because a minimal amount of feeding is necessary to transmit the bacterium, and it can be transmitted by other insects. Therefore, selecting cultivars that are also resistant to bacterial wilt is desirable.

This publication reports the progress made during the initial screening of a host plant resistance program.

## **Methods and Materials**

*Cucumis* spp. germplasm of 1,643 plant introductions (P.I.) of *C. mello* and 19 other *C. spp.* (species listed in appendix) from 47 countries plus seed of 62 U.S. commercial varieties of cantaloupe were assembled during the fall of 1974 to screen for resistance to striped cucumber beetle seedling feeding and bacterial wilt.

Seeds of the various P.I. and varieties were planted in Fertillife Potting Soil (Organic Compost Corp., Germantown, Wis.) in 6-cm peat pots (Jiffy-Pot, Ryomgaard, Denmark) on April 30, 1975, for tests on the Purdue Sand Farm at Johnson, Ind., and on May 1 for tests at the Vin-

cennes farm. Seedlings for transplanting were grown in a greenhouse at Vincennes, Ind., without supplemental light or heat.

Where seedlings were grown, slugs were controlled with a metaldehyde bait and with traps baited with beer. One to six seedlings of each P.I. or variety was transplanted at Johnson on May 21 and one to three seedlings at Vincennes on May 27. Delayed greenhouse plantings of materials that did not germinate in the initial plantings were made about May 20 and transplanted to the fields 2 weeks later. All seedlings were hand irrigated within 48 hours after transplanting.

Because severe annual infestations of the

striped cucumber beetle are quite common in southern Indiana, natural populations of this insect were relied upon to infest the test seedlings. Beetle feeding damage ratings of the seedlings were classed as light, moderate, and heavy. These ratings were made June 3, 4, and 13 for Johnson and Vincennes, and a second observation was

made about 1 week later. Bacterial wilt ratings of healthy or susceptible seedlings were made during the first and second weeks of July and continued for 3 weeks according to visual evidence of plant damage from this disease.

Seeds were collected from all fruiting plant materials. These were primarily open-pollinated.

## Results and Discussion

The results presented (table 1) from this study cover 1 year. Therefore, we are not attempting to label any of the various materials as resistant to either the striped cucumber beetle or bacterial wilt but to report that there is a good probability of resistance within this collection of germplasm. Data in table 1 are combined results of single replicated tests at two locations.

The collection of 1,643 *C. mello* P.I. and 50 P.I. of *C. spp.*, which are closely related, had no or only light beetle feeding on the seedlings of 13.3 and 42.0 percent of the plants, respectively. This compares to 29.0 percent for a collection of 62 U.S. commercial varieties. These materials had 66.6, 40.0, and 61.3 percent with moderate feeding and 15.0, 2.0, and 9.7 percent with heavy feeding. We anticipate finding usable sources of resistant germplasm for seedling feeding within the 13.3 percent of *C. mello* P.I. that had no or

only light feeding. However, some usable resistance is within the introductions that had moderate feeding and that resistance in the other species of *Cucumis* could be utilized.

The bacterial wilt ratings of *C. mello*, *C. spp.*, and commercial varieties of cantaloupe were 19.1, 70.0 and 38.7 percent healthy and 78.1, 28.0 and 61.3 percent susceptible.

Possible resistance to both of these pests in the same material was observed in 4.5, 42.0 and 14.5 percent of *C. mello*, *C. spp.* and the commercial varieties. A particularly high degree of resistance to either pest, or both, appears to be present in many of these commercial varieties.

Data on the size of fruit, which indicate the shape of the fruit, are given in the appendix (size of fruit may vary considerably from those indicated because of environmental factors). Quantities of remnant seed and seed harvested from the plots are also indicated in the appendix. Except for a few selfed plants, seeds were harvested from open-pollinated plants. A small number of introductions are marked with asterisks in the appendix to indicate good vine quality, late in the season, and fruit characteristics.

From the results of these initial screening trials, we anticipate fruitful progress by further screening to definitely identify resistant cultivars within light or healthy, or both, rated *C. mello* P.I. that may be used directly in a plant breeding program. There is a further possibility of using selected individual P.I. from the moderate feeding class for resistance to striped cucumber beetle. Attempting to transfer resistant germplasm from other *C. species* is not recommended until the above two suggestions have proven futile.

TABLE 1.—The response of 1,693<sup>1</sup> plant introductions of *Cucumis sp.* and 62 cantaloupe varieties to striped cucumber beetle seedling damage and bacterial wilt

Pest and damage ratings	Plant introductions		
	<i>C. mello</i>	<i>C. sp.</i>	U.S. varieties
	Percent	Percent	Percent
Striped cucumber beetle:			
None-light .....	13.3	42.0	29.0
Moderate .....	66.6	40.0	61.3
Heavy .....	15.5	2.0	9.7
Not rated .....	4.6	16.0	0
Bacterial wilt:			
Healthy .....	19.1	70.0	38.7
Susceptible .....	78.1	28.0	61.3
Not rated .....	2.8	2.0	0
Both:			
Light and healthy .....	4.5	42.0	14.5

<sup>1</sup>1,643 of these were *C. Mello* and 50 were other species of *Cucumis* (see appendix).

Appendix: Preliminary ratings of Cucumis sp. for resistance to striped cucumber beetle seedling feeding and bacterial wilt. 1975, Vincennes, Indiana

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings			Seed Available	
				St. C. Beetle	Bacterial Wilt	Fruit Size (in.)	Harvested	Remnant
93438	China	1	8	Heavy	Susceptible	6 1/4 x 5 1/4	++	+
93799	China	2	3	Light	Susceptible	6 1/2 x 4 1/2	++	+
93800	China	3	7	Light	Susceptible	5 x 3	++	+
102077	Morocco	4	7	Moderate	Susceptible	4 x 4	++	+
108902	Iran	5	6	Moderate	Susceptible	11 1/2 x 4 1/2	++	0
109479*	Turkey	6	2	Light	Susceptible	N.D.	0	+
116479	India	7	7	Moderate	Susceptible	10 3/4 x 4 1/4	++	+
116482	India	8	5	Very heavy	Susceptible	N.D.	+	+
116487	India	9	4	Moderate	Susceptible	11 3/4 x 5	++	+
116489	India	10	9	Moderate	Susceptible	9 1/2 x 4 3/4	++	+
116490	India	11	6	Moderate	Susceptible	8 x 4 1/2	++	+
116659	India	12	6	Moderate	Susceptible	4 3/4 x 4	+	+
116660	India	13	8	Moderate	Susceptible	5 1/2 x 5	++	+
116661	India	14	8	Light	Susceptible	6 x 5 1/2	++	+
116664	India	15	9	Light	Susceptible	6 3/4 x 5	++	+
116666	India	16	9	Light	Susceptible	5 x 4	++	+
116667*	India	17	9	Light	Susceptible	6 x 5	++	+
116736	India	18	7	Moderate	Susceptible	3 3/4 x 3 1/2	++	+
116738	India	19	9	Moderate	Susceptible	6 x 4	++	+
116824	India	20	10	Moderate	Susceptible	6 1/4 x 5 1/2	++	+
116826	India	21	7	Light	Susceptible	4 1/2 x 3 3/4	++	+
116827	India	22	5	Moderate	Susceptible	5 x 4	++	+
116828	India	23	8	Moderate	Susceptible	8 x 6	++	+
116916	India	24	4	Heavy	Susceptible	4 1/2 x 4	++	+
116917	Afghanistan	25	7	Moderate	Susceptible	8 1/2 x 4	+++	+
117158	Turkey	26	4	Moderate	Susceptible	N.D.	0	+
117162	Turkey	27	9	Moderate	Susceptible	10 1/2 x 8 1/2	+++	+
118584	India	28	9	Light	Susceptible	9 1/4 x 5 1/4	+++	+
122847	India	29	9	Moderate	Susceptible	7 1/2 x 4 1/4	++	+
123187	India	30	8	Moderate	Susceptible	6 1/2 x 5 1/4	++	+
123188	India	31	9	Light	Susceptible	4 3/4 x 4 1/4	+	+
123493	India	32	4	Moderate	Susceptible	9 1/2 x 5 1/2	++	+
123494	India	33	9	Moderate	Susceptible	6 1/4 x 5 1/2	+++	+
123495	India	34	9	Moderate	Susceptible	11 x 5 1/2	++	+
123496	India	35	7	Moderate	Susceptible	14 x 8	+++	+
123498	India	36	7	Light	Susceptible	11 x 6	++	+
123499	India	37	6	Light	Susceptible	N.D.	++	+
123500	India	38	3	Moderate	Healthy	N.D.	0	+
123501	India	39	6	Light	Susceptible	4 1/2 x 3	+++	+
123502	India	40	9	Moderate	Susceptible	10 x 5	+++	+
123504	India	41	7	Moderate	Susceptible	5 x 3 1/2	+++	+
123505	India	42	6	Moderate	Susceptible	8 1/2 x 3 1/2	+++	+
123517*	India	43	9	Moderate	Susceptible	8 1/2 x 5	++	+
123680	India	44	7	Moderate	Susceptible	5 1/4 x 2 3/4	++	+
123681	India	45	9	Moderate	Susceptible	4 3/4 x 3	+++	+
123682	India	46	6	Moderate	Susceptible	N.D.	0	+
123683	India	47	7	Moderate	Susceptible	2 1/2 x 2 1/2	++	+
123684	India	48	6	Moderate	Susceptible	N.D.	0	+
123685	India	49	8	Moderate	Susceptible	8 x 3 1/2	++	+
123687	India	50	4	Moderate	Susceptible	N.D.	++	+
123688	India	51	11	Moderate	Susceptible	6 1/2 x 3	++	+
123689*	India	52	8	Light	Susceptible	3 x 2	++	+
123821	India	53	3	Moderate	Susceptible	5 1/2 x 2 1/2	++	+
123822	India	54	7	Heavy	Susceptible	9 1/2 x 4 1/2	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available Harvested	Remnant
				St., C. Beetle	Bacterial Wilt			
123823	India	55	7	Moderate	Susceptible	9 x 3 1/4	++	+
123824	India	56	9	Moderate	Susceptible	10 1/2 x 5	++	+
124092	India	57	8	Moderate	Healthy	2 1/2 x 2 1/2	+	+
124093	India	58	8	Moderate	Susceptible	7 x 4 1/2	+	+
124096	India	59	7	Moderate	Susceptible	4 1/2 x 4 1/2	++	+
124098	India	60	6	Heavy	Susceptible	N.D.	0	+
124099	India	61	8	Moderate	Susceptible	10 1/2 x 5 1/2	++	+
124100	India	62	9	Moderate	Susceptible	5 x 5	++	+
124101	India	63	4	Moderate	Susceptible	6 1/2 x 5	++	+
124102	India	64	6	Moderate	Susceptible	N.D.	0	+
124103	India	65	5	Moderate	Susceptible	7 1/4 x 5 1/4	0	+
124104	India	66	4	Heavy	Susceptible	8 x 6	++	+
124105	India	67	9	Moderate	Susceptible	N.D.	+++	+
124106	India	68	7	Moderate	Susceptible	7 x 5	+++	+
124107	India	69	6	Light	Susceptible	6 x 4	+++	+
124108	India	70	7	Light	Susceptible	N.D.	0	+
124109	India	71	5	Light	Healthy	6 x 5 1/2	0	+
124111	India	72	7	Moderate	Susceptible	5 1/2 x 5	++	+
124112	India	73	7	Moderate	Susceptible	6 x 5	0	+
124113	India	74	7	Moderate	Susceptible	10 x 2 1/2	++	+
124114	India	75	4	Moderate	Susceptible	11 x 7	++	+
124206	India	76	9	Moderate	Susceptible	6 1/2 x 3 1/2	++	0
124207*	India	77	9	Moderate	Susceptible	8 3/4 x 8 3/4	+++	+
124208	India	78	9	Moderate	Healthy	13 x 6	+++	+
124210	India	79	6	Moderate	Susceptible	5 1/2 x 4 1/2	++	+
124214	India	80	7	Moderate	Susceptible	6 1/4 x 4 1/2	++	+
124429	India	81	8	Heavy	Susceptible	4 1/2 x 4 1/2	++	+
124430	India	82	7	Moderate	Susceptible	7 x 6	++	+
124431	India	83	3	Heavy	Susceptible	14 x 6	++	+
124432	India	84	9	Moderate	Susceptible	13 x 7 3/4	++	+
124433	India	85	8	Moderate	Susceptible	7 x 5 1/2	++	+
124435	India	86	8	Moderate	Susceptible	6 x 5	++	+
124436	India	87	2	Moderate	Susceptible	8 x 7	+++	+
124439	India	88	7	Moderate	Susceptible	6 x 5 1/2	++	+
124440	India	89	9	Moderate	Susceptible	6 x 5	++	+
124441	India	90	7	Light	Susceptible	N.D.	0	+
124443	India	91	5	Light	Susceptible	4 1/2 x 4	+++	+
124445	India	92	7	Moderate	Susceptible	6 1/2 x 4 1/2	++	+
124447	India	93	8	Moderate	Susceptible	5 1/2 x 4 1/2	++	+
124449	India	94	8	Heavy	Susceptible	N.D.	0	+
124550	India	95	7	Heavy	Susceptible	5 x 4 1/2	+++	+
124552	India	96	7	Heavy	Susceptible	N.D.	0	+
124553	India	97	9	Heavy	Susceptible	5 x 4 1/2	+++	+
125860	Afghanistan	98	7	Light	Susceptible	N.D.	0	+
125861	Afghanistan	99	6	Light	Susceptible	N.D.	0	+
125862	Afghanistan	100	2	Very Heavy	Susceptible	5 x 5	+++	+
125863	Afghanistan	101	7	Moderate	Susceptible	4 x 4	+++	+
125865	Afghanistan	102	7	Moderate	Healthy	N.D.	+++	+
125866	Afghanistan	103	1	Moderate	Susceptible	4 x 4	+++	+
125868	Afghanistan	104	6	Moderate	Susceptible	8 x 7 1/2	++	+
125869	Afghanistan	105	4	Heavy	Susceptible	7 1/2 x 5	++	+
125870	Afghanistan	106	6	Heavy	---	N.D.	0	0
125871	Afghanistan	107	0	---	---	N.D.	0	0
125872	Afghanistan	108	2	Moderate	Healthy	3 1/2 x 3	++	+
125874	Afghanistan	109	5	Heavy	Susceptible	9 x 6	+++	+
125875	Afghanistan	110	8	Moderate	Susceptible	4 x 4	+++	+



125876	Afghanistan	3	Moderate	Susceptible	N.D.	+
125877	Afghanistan	1	Light	Susceptible	N.D.	+
125878	Afghanistan	3	Moderate	Healthy	N.D.	+
125879	Afghanistan	4	Heavy	Susceptible	N.D.	+
125880	Afghanistan	4	Moderate	Susceptible	8 1/2 x 4 1/2	+
125881	Afghanistan	8	Moderate	Susceptible	N.D.	+
125882	Afghanistan	3	Moderate	Susceptible	12 x 6	+
125883	Afghanistan	0	--	---	N.D.	+
125884	Afghanistan	6	Heavy	Susceptible	N.D.	+
125885	Afghanistan	2	Moderate	Susceptible	N.D.	+
125886	Afghanistan	2	Moderate	Healthy	N.D.	+
125887	Afghanistan	3	Heavy	Healthy	5 x 2 1/2	+
125890	Afghanistan	7	Heavy	Susceptible	N.D.	+
125891	Afghanistan	0	--	---	N.D.	+
125892	Afghanistan	6	Moderate	Healthy	20 x 7	+
125893	Afghanistan	4	Moderate	Susceptible	N.D.	+
125895	Afghanistan	4	Heavy	Healthy	7 x 5	+
125896	Afghanistan	4	Moderate	Susceptible	7 x 4 1/2	+
125897	Afghanistan	8	Moderate	Susceptible	9 x 4 1/2	+
125900	Afghanistan	6	Heavy	Susceptible	N.D.	+
125901	Afghanistan	5	Heavy	Susceptible	N.D.	+
125902	Afghanistan	8	Moderate	Susceptible	N.D.	+
125903	Afghanistan	5	Heavy	Susceptible	9 x 6	+
125904	Afghanistan	5	Moderate	Susceptible	4 1/2 x 2 1/2	+
125905	Afghanistan	6	Very Heavy	Susceptible	9 1/2 x 6	+
125906	Afghanistan	3	Moderate	Susceptible	6 1/2 x 6	+
125907	Afghanistan	9	Moderate	Susceptible	7 1/4 x 6 1/2	+
125908	Afghanistan	8	Moderate	Susceptible	N.D.	+
125909	Afghanistan	5	Heavy	Susceptible	7 x 3 1/2	+
125910	Afghanistan	9	Moderate	Susceptible	8 x 4	+
125911	Afghanistan	4	Moderate	Susceptible	7 x 5 1/2	+
125913	Afghanistan	6	Moderate	Susceptible	9 x 4	+
125914	Afghanistan	9	Heavy	Susceptible	10 1/2 x 4	+
125915	Afghanistan	4	Moderate	Susceptible	N.D.	+
125918	Afghanistan	2	Moderate	Healthy	6 x 5 1/2	+
125919	Afghanistan	9	Moderate	Susceptible	6 x 6	+
125920	Afghanistan	7	Heavy	Susceptible	10 x 6 1/2	+
125921	Afghanistan	4	Moderate	Susceptible	11 x 6	+
125922	Afghanistan	5	Moderate	Susceptible	7 1/4 x 4	+
125923	Afghanistan	1	None	Healthy	7 1/2 x 3 1/2	+
125924	Afghanistan	7	Moderate	Susceptible	10 x 6	+
125925	Afghanistan	7	Moderate	Susceptible	N.D.	+
125926	Afghanistan	1	Heavy	---	N.D.	+
125927	Afghanistan	7	Heavy	Susceptible	7 1/4 x 5	+
125928	Afghanistan	7	Moderate	Healthy	8 1/2 x 7	+
125929	Afghanistan	2	Moderate	Susceptible	N.D.	+
125930	Afghanistan	6	Moderate	Susceptible	10 x 5 3/4	+
125931	Afghanistan	5	Moderate	Susceptible	11 x 5 1/2	+
125932	Afghanistan	4	Moderate	Susceptible	6 1/2 x 6 1/2	+
125933	Afghanistan	6	Moderate	Susceptible	6 x 5	+
125934	Afghanistan	5	Moderate	Susceptible	9 x 8	+
125935	Afghanistan	6	Moderate	Susceptible	N.D.	+
125937	Afghanistan	6	Light	Susceptible	10 x 5 1/2	+
125938	Afghanistan	4	Light	Susceptible	9 1/2 x 5 1/2	+
125939	Afghanistan	5	Light	Susceptible	6 x 3	+
125940	Afghanistan	3	Heavy	Susceptible	5 1/2 x 2 1/2	+
125942	Afghanistan	4	Heavy	Susceptible	8 1/2 x 5	+
125943	Afghanistan	2	Moderate	Healthy	N.D.	+
125944	Afghanistan	9	Moderate	Susceptible	5 1/2 x 4	+
125946	Afghanistan	3	Moderate	Susceptible	7 1/2 x 5	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available Harvested	Remnant
				St. C. Beetle	Bacterial Wilt			
125947	Afghanistan	171	5	Moderate	Susceptible	6 1/2 x 5	+++	+
125948	Afghanistan	172	1	Moderate	Susceptible	N.D.	0	0
125949	Afghanistan	173	3	Moderate	Susceptible	12 1/2 x 7 1/2	+++	+
125951	Afghanistan	174	5	Moderate	Healthy	N.D.	0	0
125952	Afghanistan	175	5	Moderate	Susceptible	5 x 5	++	+
125953	Afghanistan	176	3	Moderate	Susceptible	N.D.	0	+
125955	Afghanistan	177	3	Moderate	Susceptible	18 x 5	+++	+
125956	Afghanistan	178	2	Light	Susceptible	10 x 6	+++	0
125957	Afghanistan	179	6	Moderate	Susceptible	10 3/4 x 4 1/2	+++	+
125958	Afghanistan	180	8	Moderate	Susceptible	12 x 6	+++	+
125960	Afghanistan	181	5	Moderate	Susceptible	9 x 3 1/2	+++	+
125961	Afghanistan	182	3	Moderate	Susceptible	5 1/2 x 2 1/2	+++	+
125962	Afghanistan	183	2	Moderate	Susceptible	N.D. (sterile)	0	+
125963	Afghanistan	184	6	Moderate	Susceptible	9 1/2 x 6	+++	+
125964	Afghanistan	185	3	Moderate	Susceptible	4 x 4	+++	+
125966	Afghanistan	186	5	Moderate	Susceptible	N.D.	+++	+
125967	Afghanistan	187	3	Moderate	Susceptible	6 x 3 1/2	+++	+
125969	Afghanistan	188	3	Moderate	Susceptible	N.D.	+++	+
125970	Afghanistan	189	2	Moderate	Healthy	N.D.	0	+
125971	Afghanistan	190	4	Moderate	Susceptible	11 x 5 1/2	+++	+
125972	Afghanistan	191	1	Light	Healthy	12 x 6 1/2	+++	+
125973	Afghanistan	192	11	Moderate	Susceptible	11 x 5	+++	0
125974	Afghanistan	193	5	Moderate	Susceptible	9 1/2 x 7	+++	+
125976	Afghanistan	194	8	Moderate	Susceptible	N.D.	+++	+
125979	Afghanistan	195	5	Moderate	Susceptible	8 x 5 1/2	+++	+
125981	Afghanistan	196	4	Moderate	Healthy	N.D.	0	0
125982	Afghanistan	197	2	Moderate	Susceptible	N.D.	0	+
125984	Afghanistan	198	3	Moderate	Susceptible	12 x 9	+++	+
125986	Afghanistan	199	8	Moderate	Susceptible	6 1/2 x 5	+++	+
125987	Afghanistan	200	2	---	---	N.D.	0	+
125989	Afghanistan	201	7	Moderate	Healthy	7 1/2 x 5	+++	+
125990	Afghanistan	202	4	Moderate	Healthy	N.D.	0	0
125991	Afghanistan	203	2	Moderate	Susceptible	7 1/2 x 5 1/2	+++	+
125992	Afghanistan	204	5	Moderate	Healthy	N.D.	+++	+
125993	Afghanistan	205	3	Moderate	Healthy	6 x 5	+++	+
125994	Afghanistan	206	5	Moderate	Healthy	11 x 7 1/2	+++	+
125995	Afghanistan	207	0	---	---	N.D.	0	0
125996	Afghanistan	208	4	Heavy	Susceptible	N.D.	0	+
125997	Afghanistan	209	7	Moderate	Susceptible	10 x 5	+++	+
126000	Afghanistan	210	6	Heavy	Susceptible	6 1/2 x 6 1/2	+++	+
126004	Afghanistan	211	1	Light	Susceptible	9 3/4 x 5 1/4	++	0
126005	Afghanistan	212	2	Heavy	---	N.D.	0	+
126006	Afghanistan	213	8	Moderate	Susceptible	N.D.	0	0
126008	Afghanistan	214	4	Heavy	Susceptible	9 1/2 x 3	+++	+
126010	Afghanistan	215	5	Heavy	Healthy	15 x 6 1/2	+++	+
126012	Afghanistan	216	6	Moderate	Susceptible	7 1/2 x 6 1/2	+++	+
126013	Afghanistan	217	6	Moderate	Healthy	8 x 5 1/2	+++	+
126016	Afghanistan	218	6	Light	Susceptible	6 1/2 x 4 1/2	+++	+
126017	Afghanistan	219	4	Heavy	Susceptible	N.D.	0	+
126018	Afghanistan	220	4	Moderate	Susceptible	6 1/2 x 5 1/2	+++	+
126019	Afghanistan	221	8	Heavy	Susceptible	N.D.	0	+
126020	Afghanistan	222	8	Heavy	Susceptible	7 1/2 x 6	+++	+
126021	Afghanistan	223	3	Moderate	Susceptible	8 x 6 1/2	+++	+
126024	Afghanistan	224	1	Moderate	Susceptible	N.D.	0	+
126027	Afghanistan	225	5	Moderate	Healthy	7 1/2 x 4	+++	+
126030	Afghanistan	226	6	Heavy	Healthy	13 x 3 1/2	+++	+

126032	Afghanistan	227	8	Heavy	Susceptible	N.D.	+
126033	Afghanistan	228	7	Heavy	Susceptible	N.D.	+
126034	Afghanistan	229	6	Heavy	Susceptible*	N.D.	+
126036	Afghanistan	230	9	Moderate	Healthy	12 1/2 x 6 1/2	+
126037	Afghanistan	231	7	Moderate	Susceptible	6 1/2 x 6	+
126040	Afghanistan	232	9	Heavy	Susceptible	6 x 5 1/2	+
126042	Afghanistan	233	5	Moderate	Susceptible	N.D.	+
126044	Afghanistan	234	5	Moderate	Susceptible	4 x 2 1/2	+
126045	Afghanistan	235	5	Heavy	Susceptible	4 1/2 x 4 1/2	+
126047	Afghanistan	236	8	Moderate	Susceptible	6 1/4 x 5 1/2	+
126052	Afghanistan	237	4	Moderate	Susceptible	8 1/2 x 3 1/2	+
126053	Afghanistan	238	3	Moderate	Susceptible	6 1/2 x 3	+
126054	Afghanistan	239	7	Moderate	Susceptible	4 1/2 x 3 3/4	+
126056	Afghanistan	240	8	Moderate	Susceptible	8 3/4 x 4 3/4	+
126057	Afghanistan	241	4	Moderate	Susceptible	6 1/2 x 5 1/2	+
126058	Afghanistan	242	6	Moderate	Susceptible	3 x 2 1/2	+
126059	Afghanistan	243	4	Moderate	Healthy	9 x 4	+
126050	Afghanistan	244	2	Heavy	Susceptible	N.D.	+
126051	Afghanistan	245	3	Moderate	Healthy	5 x 5	+
126060	Afghanistan	246	6	Moderate	Healthy	7 1/2 x 4 1/2	+
126063	Afghanistan	247	4	Moderate	Susceptible	N.D.	+
126065	Afghanistan	248	3	Heavy	Healthy	11 x 5	+
126066	Afghanistan	249	2	Light	Susceptible	5 x 4 1/2	+
126068	Afghanistan	250	3	Light	Healthy	N.D.	+
126069	Afghanistan	251	3	Moderate	Susceptible	N.D.	+
126070	Afghanistan	252	7	Heavy	Susceptible	N.D.	+
126071	Afghanistan	253	2	Heavy	Susceptible	N.D.	+
126072	Afghanistan	254	4	Heavy	Susceptible	6 x 4	+
126074	Afghanistan	256	4	Heavy	Susceptible	N.D.	+
126075	Afghanistan	257	2	Moderate	Susceptible	N.D.	+
126076	Afghanistan	258	3	Moderate	Susceptible	5 1/2 x 4 1/2	+
126077	Afghanistan	259	5	Moderate	Susceptible	6 1/2 x 4	+
126078	Afghanistan	260	1	Light	Healthy	7 x 4 1/2	+
126079	Afghanistan	261	7	Light	Healthy	5 x 2 1/4	+
126080	Afghanistan	262	9	Heavy	Susceptible	9 1/2 x 6	+
126081	Afghanistan	263	6	Moderate	Susceptible	N.D.	+
126082	Afghanistan	264	3	Moderate	Healthy	6 1/2 x 5 1/2	+
126083	Afghanistan	265	4	Light	Healthy	9 3/4 x 6 3/4	+
126084	Afghanistan	266	3	Moderate	Healthy	7 3/4 x 6 1/2	+
126086	Afghanistan	267	2	Moderate	Healthy	4 1/2 x 3	+
126089	Afghanistan	268	2	Light	Healthy	N.D. (sterile)	+
126091	Afghanistan	269	3	Heavy	Susceptible	N.D.	+
126093	Afghanistan	270	3	Light	Healthy	7 1/2 x 6 1/2	+
126095	Afghanistan	271	3	Light	Susceptible	5 x 2 1/2	+
126096	Afghanistan	272	4	Light	Susceptible	8 x 7	+
126097	Afghanistan	273	4	Light	Susceptible	4 x 2	+
126098	Afghanistan	274	6	Heavy	Susceptible	6 x 4	+
126099	Afghanistan	275	7	Heavy	Susceptible	13 x 5	+
126101	Afghanistan	276	5	Moderate	Susceptible	N.D.	+
126106	Afghanistan	277	4	Moderate	Susceptible	8 x 6	+
126108	Afghanistan	278	3	Moderate	Susceptible	N.D.	+
126110	Afghanistan	279	6	Moderate	Susceptible	6 1/2 x 3 1/2	+
126111	Afghanistan	280	2	Moderate	Susceptible	10 x 4	+
126112	Afghanistan	281	5	Moderate	Healthy	10 x 7 1/2	+
126113	Afghanistan	282	7	Light	Susceptible	4 3/4 x 4 3/4	+
126114	Afghanistan	283	8	Moderate	Susceptible	10 1/2 x 6 1/2	+
126116	Afghanistan	284	4	Heavy	Susceptible	N.D.	+
126117	Afghanistan	285	7	Heavy	Susceptible	8 1/2 x 6	+
126118	Afghanistan	286	2	Light	Susceptible	N.D.	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available Harvested	Remnant
				St. C. Beetle	Bacterial Wilt			
126122	Afghanistan	287	2	Moderate	Healthy	12 x 5 3/4	+++	+
126123	Afghanistan	288	4	Moderate	Susceptible	N.D.	++	+
126125	Afghanistan	289	4	Heavy	Susceptible	N.D.	++	0
126126	Afghanistan	290	9	Moderate	Susceptible	10 1/2 x 7	++	+
126129	Afghanistan	291	1	Light	Healthy	9 1/2 x 4 1/2	+++ (selfed)	+
126130	Afghanistan	292	4	Heavy	Susceptible	N.D.	0	+
126131	Afghanistan	293	5	Moderate	Susceptible	10 x 5	+++	+
126132	Afghanistan	294	2	Light	Susceptible	N.D.	0	0
126133	Afghanistan	295	3	Moderate	Susceptible	N.D.	0	+
126134	Afghanistan	296	2	Light	Healthy	6 1/2 x 6 1/2	++	+
126136	Afghanistan	297	5	Moderate	Susceptible	N.D.	+++	+
126138	Afghanistan	298	2	Moderate	Susceptible	10 1/2 x 4 1/2	+++	+
126139	Afghanistan	299	4	Moderate	Healthy	9 1/2 x 6	+++	+
126140	Afghanistan	300	2	Light	Healthy	5 x 4 1/2	++	+
126141	Afghanistan	301	4	Heavy	Susceptible	N.D.	0	+
126142	Afghanistan	302	6	Heavy	Susceptible	N.D.	0	+
126145	Afghanistan	303	6	Moderate	Susceptible	10 1/2 x 5 1/2	+++	+
126146	Afghanistan	304	9	Moderate	Susceptible	6 x 4 1/2	+++	+
126147	Afghanistan	305	5	Moderate	Susceptible	8 1/2 x 5 1/2	+++	+
126148	Afghanistan	306	0	--	---	N.D.	0	0
126150	Afghanistan	307	1	None	Healthy	5 x 4	+++	+
126151	Afghanistan	308	1	Light	Susceptible	N.D.	0	0
126152	Afghanistan	309	2	Light	Healthy	N.D.	0	+
126154	Afghanistan	310	2	Moderate	Susceptible	7 x 6	+++	+
126156	Afghanistan	311	7	Moderate	Susceptible	8 1/2 x 6	+++	+
126159	Afghanistan	312	3	Heavy	Susceptible	N.D.	0	+
126160	Afghanistan	313	5	Moderate	Susceptible	10 x 8 1/2	+++	+
126161	Afghanistan	314	8	Moderate	Susceptible	8 1/2 x 7	+++	+
126162*	Afghanistan	315	7	Moderate	Susceptible	9 1/2 x 7 1/4	+++	+
126164	Afghanistan	316	7	Heavy	Susceptible	6 x 5 1/2	+++	+
126165	Afghanistan	317	7	Heavy	Susceptible	7 3/4 x 7 1/4	+++	+
126166	Afghanistan	318	3	Moderate	Susceptible	7 x 5 1/2	++	+
126167	Afghanistan	319	5	Moderate	Susceptible	7 1/4 x 6	+++	+
126168	Afghanistan	320	6	Moderate	Susceptible	6 x 5	+++	+
126169	Afghanistan	321	6	Moderate	Susceptible	10 x 7	+++	+
126170	Afghanistan	322	0	--	---	N.D.	0	0
126171	Afghanistan	323	2	Moderate	Susceptible	N.D.	0	+
126172	Afghanistan	324	4	Moderate	Susceptible	11 3/4 x 6 3/4	+++	+
126173	Afghanistan	325	4	Heavy	Susceptible	N.D.	0	+
126174	Afghanistan	326	4	Moderate	Susceptible	6 x 5	+++	+
126175	Afghanistan	327	4	Heavy	Susceptible	7 1/4 x 4 1/2	++	+
126176	Afghanistan	328	3	Moderate	Healthy	N.D.	0	0
126178	Afghanistan	329	2	Heavy	Healthy	10 x 5	+++	+
126179	Afghanistan	330	8	Heavy	Susceptible	8 x 4 1/2	0	0
126180	Afghanistan	331	4	Moderate	Susceptible	N.D.	0	+
126185	Afghanistan	332	2	--	---	N.D.	0	0
126190	Afghanistan	333	5	Heavy	Susceptible	11 3/4 x 7 1/2	+++	+
126195	Afghanistan	334	7	Moderate	Susceptible	19 x 6	0	+
126197	Afghanistan	335	1	Moderate	Healthy	6 1/2 x 3 1/2	+++	+
126198	Afghanistan	336	8	Moderate	Susceptible	6 1/2 x 4	+++	+
126199	Afghanistan	337	3	Moderate	Susceptible	7 1/2 x 5	++	+
126200	Afghanistan	338	6	Moderate	Susceptible	12 x 7	++	+
126202	Afghanistan	339	3	Heavy	Susceptible	--	0	+
127519	Afghanistan	340	0	--	---	--	0	+
127520	Afghanistan	341	6	Heavy	Susceptible	9 x 6	+++	+
127523	Afghanistan	342	5	Moderate	Susceptible	8 x 5	+++	+

127524	Afghanistan	343	4	Light	Healthy	8 x 4	+++	o
127529	Afghanistan	344	3	Moderate	Susceptible	9 1/2 x 6	+++	+
127530	Afghanistan	345	4	Moderate	Susceptible	N.D.	+++	+
127531	Afghanistan	346	1	Light	Healthy	N.D.	o	o
127532	Afghanistan	347	7	Moderate	Susceptible	10 x 6 3/4	+++	o
127534	Afghanistan	348	7	Moderate	Susceptible	7 1/2 x 4 1/2	+++	+
127535	Afghanistan	349	2	Light	Healthy	11 x 5	+++	+
127536	Afghanistan	350	2	Moderate	Susceptible	N.D.	++	+
127538	Afghanistan	351	4	Heavy	Susceptible	8 1/2 x 4	+++	+
127539	Afghanistan	352	6	Heavy	Susceptible	7 1/4 x 5 1/4	++	+
127540	Afghanistan	353	6	Light	Susceptible	8 x 5	++	+
127541	Afghanistan	354	7	Moderate	Susceptible	10 1/2 x 4	+++	o
127544	Afghanistan	355	3	Heavy	Susceptible	4 1/4 x 1 1/4	+++	+
127545	Afghanistan	356	4	Moderate	Susceptible	N.D.	o	+
127546	Afghanistan	357	7	Moderate	Susceptible	10 x 6 1/2	+++	+
127547	Afghanistan	358	4	Heavy	Susceptible	6 3/4 x 6	++	+
127548	Afghanistan	359	8	Moderate	Susceptible	7 x 5 1/2	+++	+
127551	Afghanistan	360	6	Moderate	Susceptible	9 1/2 x 5 1/2	+++	+
127560	Afghanistan	361	4	Moderate	Susceptible	N.D.	o	+
127564	Afghanistan	362	5	Heavy	Susceptible	7 x 6 1/2	++	+
127565	Afghanistan	363	3	Heavy	Susceptible	N.D.	o	+
127566	Afghanistan	364	4	Moderate	Susceptible	9 x 4 1/2	++	+
127567	Afghanistan	365	9	Moderate	Susceptible	6 x 4	++	o
127570	Afghanistan	366	5	Heavy	Susceptible	N.D.	o	+
127572	Afghanistan	367	8	Moderate	Susceptible	9 x 5 1/2	+++	o
127575	Afghanistan	368	5	Heavy	Susceptible	9 1/2 x 5	+++	+
127576	Afghanistan	369	1	Heavy	Susceptible	9 1/2 x 5	+++	+
127577	Afghanistan	370	5	--	--	N.D.	o	+
127578	Afghanistan	371	5	Light	Healthy	21 x 4 1/2	+++	+
128901	Afghanistan	372	7	Moderate	Susceptible	4 1/2 x 3	++	+
134196	France	373	4	Heavy	Susceptible	N.D.	o	+
134199	India	374	8	Moderate	Healthy	N.D.	o	+
134200	India	375	8	Moderate	Susceptible	24 x 6	?	+
135315	Afghanistan	376	3	Light	Healthy	23 x 4 3/4	++	+
135319	Afghanistan	377	1	Moderate	Healthy	9 1/2 x 7	+++	+
136169	Canada	378	4	Moderate	Susceptible	N.D.	o	+
136170	Canada	379	6	Moderate	Susceptible	7 1/2 x 6 1/4	+++	+
136171	Canada	380	5	Light	Susceptible	6 1/2 x 5 1/2	++	+
136177	Canada	381	7	Moderate	Susceptible	4 x 3 1/2	++	+
136181	Canada	382	6	Moderate	Susceptible	4 1/2 x 4	++	+
136182	Canada	383	6	Light	Healthy	7 x 4	+++	+
136183	Canada	384	6	Heavy	Susceptible	6 x 6	+++	+
136184	Canada	385	9	Moderate	Susceptible	7 1/2 x 6 1/2	+++	+
136185	Canada	386	7	Moderate	Susceptible	4 x 3 1/2	+++	+
136186	Canada	387	5	Moderate	Susceptible	5 1/2 x 4 1/2	+++	+
136187	Canada	388	6	Moderate	Susceptible	8 x 2	++	+
136188	Canada	389	6	Moderate	Susceptible	7 1/2 x 5	++	+
136189	Canada	390	9	Moderate	Susceptible	6 1/2 x 6	++	+
136191	Canada	391	8	Heavy	Susceptible	7 1/4 x 5	?	+
136192	Canada	392	8	Heavy	Susceptible	7 x 5	+++	+
136195	Canada	393	6	Moderate	Susceptible	14 x 5 1/4	++	+
136196	Canada	394	9	Moderate	Susceptible	4 x 4	+++	+
136197	Canada	395	5	Moderate	Susceptible	10 x 6 1/2	+++	+
136200	Canada	396	8	Light	Healthy	5 1/2 x 5 1/2	++	+
136201	Canada	397	5	Moderate	Healthy	5 x 5	++	+
136202	Canada	398	5	Moderate	Healthy	6 x 4 1/2	++	+
136203	Canada	399	8	Moderate	Susceptible	7 x 4	+++	+
136204	Canada	400	6	Moderate	Susceptible	10 1/4 x 6 1/4	+++	+
136205	Canada	401	7	Moderate	Susceptible	7 1/2 x 5 1/2	++	+
136205	Canada	402	6	Light	Susceptible	2 1/2 x 2 1/2	+++	+
136205	Canada	402	6	Moderate	Susceptible	5 x 5	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory	No. of Plant Observed	Ratings		Fruit Size (in.)	Seed Available		
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant	
136206	Canada	403	8	Moderate	Susceptible	8 1/2 x 5	+++	+	
136208	Canada	404	9	Moderate	Susceptible	5 1/4 x 5	++	+	
136209	Canada	405	6	Moderate	Susceptible	3 1/2 x 3 1/4	++	+	
136210	Canada	406	9	Moderate	Susceptible	6 x 5	++	+	
136211	Canada	407	7	Heavy	Susceptible	5 1/2 x 4 3/4	++	+	
136212	Canada	408	6	Moderate	Susceptible	7 1/2 x 5	++	+	
136213	Canada	409	8	Moderate	Susceptible	6 1/2 x 6	++	+	
136214	Canada	410	7	Moderate	Healthy	6 x 5	++	+	
136215	Canada	411	7	Moderate	Susceptible	5 1/2 x 5	++	+	
136218	Canada	412	9	Heavy	Susceptible	7 1/2 x 6	+++	+	
136219	Canada	413	5	Heavy	Healthy	5 1/2 x 5 1/2	++	+	
136220	Canada	414	5	Moderate	Susceptible	4 x 4	o	+	
136221	Canada	415	9	Moderate	Susceptible	7 x 7	++	+	
136223	Canada	416	7	Moderate	Susceptible	4 x 4	+++	+	
136224	Canada	417	9	Moderate	Susceptible	9 x 5 1/4	+++	+	
136225	Canada	418	7	Moderate	Susceptible	5 1/2 x 5	++	+	
136227	Canada	419	8	Moderate	Susceptible	8 x 6 1/2	+++	+	
136228	Canada	420	5	Moderate	Susceptible	9 x 3 1/2	+++	+	
136229	Canada	421	9	Moderate	Susceptible	6 1/2 x 5 3/4	++	+	
137834	Iran	422	0	---	---	N.D.	o	+	
137837	Iran	423	3	--	Susceptible	14 x 3	o	+	
137841	Iran	424	3	Heavy	Susceptible	11 x 7	+++	+	
137843	Iran	425	7	Moderate	Healthy	2 1/2 x 1 1/2	+++	+	
137850	Iran	426	5	Moderate	Susceptible	22 1/2 x 3 1/2	++	+	
137852	Iran	427	4	Moderate	Susceptible	7 1/2 x 3 1/2	++	+	
137854	Iran	428	8	Heavy	Susceptible	20 x 2	++	+	
137855	Iran	429	9	Moderate	Susceptible	18 x 2 1/2	++	+	
140471	Texas	430	6	Heavy	Susceptible	2 1/2 x 2	++	+	
140627	Iran	431	5	Moderate	Susceptible	11 x 6	++	+	
140631	Iran	432	6	Moderate	Susceptible	7 x 3 1/2	++	+	
140632	Iran	433	6	Moderate	Susceptible	11 x 5	++	+	
140637	Iran	434	6	Moderate	Susceptible	5 1/2 x 5 1/2	++	+	
140662	Iran	435	4	Moderate	Susceptible	N.D.	o	+	
140666	Iran	436	2	Light	Healthy	8 x 6 1/2	+++	+	
140667	Iran	437	8	Light	Susceptible	9 x 5 1/2	+++	+	
140675	Iran	438	4	Moderate	Healthy	N.D.	o	+	
140678	Iran	439	5	Heavy	Susceptible	6 x 4 1/4	++	+	
140682	Iran	440	4	Moderate	Susceptible	7 1/2 x 5	++	+	
140714	Iran	441	2	Heavy	Susceptible	N.D.	o	+	
140718	Iran	442	4	Moderate	Susceptible	10 x 5	++	+	
140743	Iran	443	5	Heavy	Susceptible	5 x 3 1/4	+++	+	
140752	Iran	444	6	Heavy	Susceptible	8 1/2 x 6	+++	+	
140755	Iran	445	5	Heavy	Susceptible	N.D.	o	+	
140762	Iran	446	6	Heavy	Susceptible	10 1/2 x 7	++	+	
140766	Iran	447	5	Moderate	Susceptible	3 x 2	+	+	
140768	?	448	3	Moderate	Susceptible	N.D.	o	+	
140774	Iran	449	1	Moderate	Susceptible	N.D.	o	+	
140775	Iran	450	8	Heavy	Susceptible	7 1/2 x 7	+++	+	
140782	Iran	451	8	Light	Susceptible	7 x 6 1/2	+++	+	
140806	Iran	452	4	Heavy	Healthy	6 x 3	++	+	
140814	Iran	453	4	Moderate	Susceptible	N.D.	o	+	
140815	Iran	454	4	Light	Healthy	6 x 5	+	+	
140816	Iran	455	6	Moderate	Susceptible	10 x 4 1/2	+++	+	
140824	Iran	456	7	Moderate	Susceptible	13 x 8	+++	+	
140831	Iran	457	0	---	---	--	--	o	+
140834	Iran	458	9	Moderate	Susceptible	11 x 4 1/2	++	+	

140838	Iran	459	2	Moderate	Healthy	N.D.	+
140840	Iran	460	0	--	--	N.D.	+
140883	Iran	461	6	Moderate	Susceptible	N.D.	0
140694	Iran	462	8	Moderate	Susceptible	7 x 3 1/2	+
143204	Iran	463	4	Moderate	Susceptible	7 x 4 1/2	+
143214	Iran	464	7	Moderate	Susceptible	7 1/2 x 3 1/2	+
143215	Iran	465	8	Moderate	Susceptible	6 1/2 x 3	+
143216	Iran	466	4	Heavy	Susceptible	7 1/2 x 7 1/2	+
143217	Iran	467	7	Heavy	Susceptible	N.D.	+
143219	Iran	468	3	Moderate	Susceptible	6 x 5	+
143221	Iran	469	2	Light	Susceptible	N.D.	0
143227	Iran	470	5	Moderate	Susceptible	8 x 5 1/2	+
143231	Iran	471	2	Moderate	Susceptible	5 1/2 x 3	+
143233	Iran	472	2	Moderate	Susceptible	N.D.	0
143234	Iran	473	0	--	--	N.D.	0
143238	Iran	474	7	Heavy	Susceptible	9 1/2 x 3 1/2	+
143240	Iran	475	1	Moderate	Susceptible	N.D.	+
143242	Iran	476	0	--	--	N.D.	0
143244	Iran	477	5	Moderate	Susceptible	6 x 5	+
143248	Iran	478	7	Heavy	Susceptible	7 x 5 1/2	+
143249**	Iran	479	8	Moderate	Susceptible	6 x 3 1/2	+
145594	India	480	9	Moderate	Susceptible	2 3/4 x 2	+
149168	USSR	481	4	Moderate	Susceptible	N.D.	+
149169	USSR	482	7	Moderate	Susceptible	4 1/2 x 3	+
154339**	China	483	3	Heavy	Healthy	N.D.	0
157070	China	484	7	Moderate	Healthy	5 1/2 x 3 1/2	+
157071	China	485	8	Light	Susceptible	6 x 4 3/4	+
157076	China	486	5	Light	Healthy	N.D.	0
157079**	China	487	4	Light	Susceptible	7 x 4 1/2	+
157080	China*	488	4	Light	Healthy	4 x 2 1/2	+
157081**	China	489	7	Light	Healthy	4 x 3	+
157082**	China	490	9	Moderate	Healthy	5 1/2 x 3	+
157083	China	491	4	Heavy	Healthy	4 1/2 x 3 1/2	+
157084	China	492	8	Moderate	Susceptible	6 x 3 1/2	+
157085	China	493	7	Moderate	Susceptible	3 1/2 x 3	+
161375***	Korea	494	9	Light	Susceptible	6 1/2 x 5	+
162668	Argentina	495	6	Moderate	Susceptible	5 1/2 x 4	+
163206	India	496	9	Moderate	Susceptible	N.D.	+
163208	India	497	9	Moderate	Susceptible	4 x 3 1/2	+
163211	India	498	9	Moderate	Susceptible	4 1/2 x 4 1/2	+
163212	India	499	6	Moderate	Susceptible	6 x 6	+
163219	India	500	8	Moderate	Susceptible	30 1/2 x 5	+
163220	India	501	8	Moderate	Susceptible	4 x 3 1/2	+
164179	India	502	9	Moderate	Susceptible	4 1/2 x 4 1/2	+
164187	India	503	4	Light	Healthy	N.D.	0
164269	India	504	7	Light	Healthy	1 1/2 x 1	+
164270	India	505	6	Light	Healthy	4 1/2 x 4 1/2	+
164313	India	506	7	Moderate	Susceptible	11 x 5 1/2	+
164320	India	507	8	Moderate	Susceptible	8 x 5	+
164323	India	508	4	Moderate	Susceptible	4 3/4 x 2	+
164327	India	509	4	Moderate	Healthy	8 x 4	+
164328	India	510	9	Moderate	Susceptible	5 x 2 1/2	+
164329	India	511	3	Light	Healthy	N.D.	0
164330	India	512	6	Moderate	Susceptible	8 x 5	+++
164331	India	513	4	Moderate	Susceptible	6 3/4 x 5 1/2	+++
164343	India	514	8	Moderate	Susceptible	6 x 5 1/2	+++
164357	India	515	9	Moderate	Susceptible	11 1/2 x 3	+++
164364**	India	516	6	Moderate	Healthy	4 1/2 x 4	+++
164395	India	517	4	Moderate	Susceptible	N.D.	+++
164400	India	518	8	Moderate	Healthy	9 1/2 x 6 1/2	+++
					Susceptible	9 x 3	+++

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings			Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt			Harvested	Remnant
164409	India	519	9	Moderate	Healthy	7 x 6		++	+
164418	India	520	6	Light	Susceptible	2 x 1		++	+
164432	India	521	6	Light	Susceptible	9 1/2 x 6 1/2		+++	+
164459	India	522	6	Moderate	Susceptible	5 x 5		++	+
164466	India	523	8	Light	Healthy	36 1/2 x 3 1/2		++	+
164479	India	524	8	Heavy	Susceptible	22 x 3 1/2		++	+
164481	India	525	5	Heavy	Susceptible	4 1/2 x 4		++	+
164487	India	526	6	Moderate	Susceptible	4 1/2 x 4		++	+
164492	India	527	6	Moderate	Susceptible	7 1/2 x 4 1/2		++	+
164493	India	528	6	Moderate	Healthy	1 1/2 x 1		+	+
164551	India	529	8	Heavy	Susceptible	6 1/2 x 4 1/2		++	+
164569	India	530	8	Moderate	Susceptible	5 1/2 x 2 1/2		++	+
164583	India	531	5	Moderate	Healthy	5 1/2 x 5 1/4		++	+
164584	India	532	8	Moderate	Susceptible	5 3/4 x 5 1/4		o	+
164585	India	533	8	Moderate	Susceptible	6 x 6		++	+
164586	India	534	5	Moderate	Susceptible	10 x 6 1/2		+++	+
164609	India	535	8	Heavy	Susceptible	N.D.		++	+
164610	India	536	6	Moderate	Susceptible	4 x 3 1/2		++	+
164611	India	537	9	Moderate	Susceptible	8 x 7		+++	+
164617	India	538	9	Moderate	Susceptible	7 x 4		++	+
164635	India	539	7	Moderate	Susceptible	9 x 8 3/4		++	+
164637	India	540	6	Moderate	Susceptible	N.D.		o	+
164653	India	541	8	Moderate	Susceptible	15 1/2 x 5		+++	+
164654	India	542	8	Moderate	Susceptible	8 x 5		++	+
164662	India	543	9	Moderate	Susceptible	15 x 4		++	+
164664	India	544	9	Moderate	Susceptible	8 x 8		+++	+
164660	India	545	8	Moderate	Susceptible	12 x 8 1/2		+++	+
164680	India	546	5	Moderate	Susceptible	N.D.		++	+
164720	India	547	4	Heavy	Susceptible	16 x 3		++	+
164723	India	548	8	Moderate	Susceptible	16 x 3 1/2		+	+
164749	India	549	8	Moderate	Susceptible	15 1/2 x 3 1/2		o	+
164750	India	550	9	Moderate	Susceptible	3 1/2 x 3 1/2		++	+
164756	India	551	8	Moderate	Susceptible	8 x 4		++	+
164794	India	552	9	Moderate	Susceptible	6 x 3 1/2		++	+
164795	India	553	8	Moderate	Susceptible	4 x 2		++	+
164796	India	554	5	Light	Healthy	3 x 1 1/2		+++	+
164797	India	555	3	Light	Healthy	N.D.		o	+
164815	India	556	9	Moderate	Susceptible	N.D.		++	+
164820	India	557	5	Moderate	Susceptible	N.D.		o	+
164821	India	558	9	Moderate	Susceptible	N.D.		++	+
164822	India	559	3	Moderate	Susceptible	4 3/4 x 3 1/2		++	+
164825	India	560	9	Light	Susceptible	7 1/4 x 5		+++	+
164826	India	561	9	Moderate	Susceptible	10 x 8		+++	+
164852	India	562	9	Moderate	Susceptible	4 1/2 x 4		++	+
164855	India	563	6	Moderate	Susceptible	5 1/2 x 4 1/4		++	+
164856	India	564	4	Moderate	Susceptible	5 x 4 1/2		++	+
164974	India	565	4	Light	Susceptible	4 1/2 x 2 1/2		++	+
164975	Turkey	566	6	Heavy	Susceptible	4 1/2 x 4 1/2		o	+
164976	Turkey	567	4	Moderate	Healthy	7 1/2 x 6		+++	+
164990	Turkey	568	8	Moderate	Susceptible	7 1/2 x 7		+++	+
164996	Turkey	569	9	Moderate	Susceptible	N.D.		+++	+
165003	Turkey	570	9	Moderate	Susceptible	8 1/2 x 5 1/2		o	+
165022	Turkey	571	8	Moderate	Healthy	N.D.		+++	+
165025	Turkey	572	7	Moderate	Susceptible	N.D.		++	+
165031	Turkey	573	9	Moderate	Susceptible	9 x 6		+++	+
165032	Turkey	574	7	Moderate	Healthy	7 1/2 x 4 1/2		+++	+



165449	Mexico	7	Moderate	Susceptible	5 1/2 x 5 1/2	++
165450	Mexico	3	Moderate	Susceptible	6 1/2 x 6	++
165452	Mexico	9	Moderate	Healthy	6 1/2 x 5 1/2	+++
165508	India	9	Heavy	Susceptible	N.D.	+++
165513	India	4	Moderate	Susceptible	6 1/2 x 4 1/2	+++
165514	India	8	Moderate	Susceptible	6 1/2 x 5	+++
165516	India	8	Moderate	Susceptible	5 3/4 x 5 1/2	+++
165525	India	8	Moderate	Susceptible	3 1/2 x 2 3/4	+++
166125	India	6	Light	Susceptible	1 3/4 x 1 1/2	+++
166190	India	7	Moderate	Susceptible	10 x 6 1/4	++
166966	Turkey	5	Moderate	Susceptible	N.D.	o
167032	Turkey	9	Moderate	Susceptible	8 x 3 1/2	o
167044	Turkey	6	Moderate	Susceptible	11 1/2 x 4	++
167057	Turkey	6	Moderate	Susceptible	12 x 2 1/2	++
167058	Turkey	7	Moderate	Susceptible	7 x 7	o
167221	Turkey	5	Heavy	Healthy	4 x 3	++
167266***	Turkey	7	Moderate	Susceptible	9 1/2 x 5 1/2	+++
169301	Turkey	0	--	---	N.D.	o
169302	Turkey	7	Moderate	Susceptible	4 x 4	++
169303	Turkey	7	Moderate	Healthy	5 1/2 x 5	+++
169305	Turkey	6	Moderate	Susceptible	8 x 7	+++
169306	Turkey	3	Moderate	Healthy	7 x 5	+++
169307**	Turkey	6	Moderate	Healthy	20 x 4 1/2	++
169309	Turkey	5	Heavy	Susceptible	4 x 3 1/2	++
169310	Turkey	4	Light	Susceptible	Sp. 8 1/2 x 8	o
169311	Turkey	6	Moderate	Susceptible	Op. 7 x 5 1/2	o
169312	Turkey	7	Moderate	Susceptible	12 x 6 1/4	o
169313	Turkey	9	Moderate	Susceptible	20 x 5 1/2	+++
169314	Turkey	5	Moderate	Susceptible	6 1/2 x 5 1/2	+++
169317	Turkey	7	Moderate	Susceptible	3 x 2 1/2	+++
169318	Turkey	3	Moderate	Susceptible	7 x 7	+++
169320	Turkey	8	Moderate	Susceptible	6 1/2 x 6	+++
169322	Turkey	6	Moderate	Susceptible	6 x 5	+++
169323	Turkey	2	Moderate	Susceptible	N.D.	o
169325	Turkey	5	Moderate	Susceptible	N.D.	o
169327	Turkey	9	Moderate	Susceptible	5 3/4 x 5 1/4	+++
169329	Turkey	8	Moderate	Susceptible	11 x 5	++
169330	Turkey	4	Light	Susceptible	5 1/2 x 5	+++
169331	Turkey	8	Heavy	Healthy	7 1/2 x 7	+++
169332	Turkey	5	Moderate	Susceptible	6 1/2 x 3 1/2	+++
169333	Turkey	3	Moderate	Susceptible	N.D.	o
169335	Turkey	1	Light	Healthy	N.D.	o
169336	Turkey	6	Light	Susceptible	7 1/2 x 5 1/2	+++
169337	Turkey	4	Moderate	Susceptible	6 1/2 x 4 1/2	+++
169339	Turkey	2	Light	Healthy	6 1/2 x 4 1/2	++
169340	Turkey	4	Light	Susceptible	N.D.	o
169341	Turkey	4	Moderate	Susceptible	4 3/4 x 4 1/2	+
169342	Turkey	4	Moderate	Healthy	N.D.	o
169343	Turkey	6	Moderate	Healthy	7 x 6	+++
169344	Turkey	6	Moderate	Susceptible	10 x 6 1/2	+++
169345	Turkey	7	Moderate	Susceptible	6 1/2 x 3	++
169346	Turkey	1	Light	Susceptible	6 x 5 1/2	+++
169347	Turkey	3	Moderate	Susceptible	N.D.	o
169348	Turkey	5	Moderate	Susceptible	6 x 4 1/2	+++
169349	Turkey	8	Moderate	Susceptible	10 1/2 x 8	++
169354	Turkey	4	Moderate	Susceptible	6 x 5	++
169355	Turkey	6	Light	Susceptible	7 x 7	+++
169356	Turkey	1	Light	Susceptible	N.D.	o
169356	Turkey	5	Moderate	Susceptible	8 1/2 x 4	++

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
169358	Turkey	634	2	Light	Healthy	8 x 6 1/2	+++	+
169359	Turkey	635	7	Light	Susceptible	6 x 5	++	+
169360	Turkey	636	7	Moderate	Susceptible	7 x 6	+++	+
169361	Turkey	637	5	Light	Susceptible	7 x 6	++	+
169362	Turkey	638	9	Moderate	Susceptible	12 x 7 1/2	+++	+
169363	Turkey	639	3	Light	Susceptible	6 1/2 x 6 1/2	++	0
169364	Turkey	640	5	Light	Healthy	9 x 8	+++	+
169365	Turkey	641	6	Moderate	Susceptible	8 x 5 1/2	++	+
169366	Turkey	642	5	Moderate	Healthy	6 x 5	++	+
169367	Turkey	643	7	Moderate	Healthy	5 3/4 x 4 1/2	++	+
169368	Turkey	644	6	Moderate	Susceptible	9 x 6	+++	+
169369****	Turkey	645	2	Moderate	Susceptible	6 1/2 x 4	+++	+
169370	Turkey	646	5	Moderate	Susceptible	5 1/2 x 5 1/4	++	+
169371	Turkey	647	5	Moderate	Susceptible	N.D.	+++	+
169372	Turkey	648	3	Moderate	Susceptible	9 1/2 x 4 1/4	++	+
169373	Turkey	649	7	Moderate	Susceptible	10 x 7	+++	+
169374	Turkey	650	8	Moderate	Susceptible	4 1/2 x 4 1/2	++	+
169375	Turkey	651	7	Moderate	Susceptible	16 1/2 x 2 3/4	+++	+
169379	Turkey	652	7	Moderate	Susceptible	15 1/2 x 3 1/2	+++	+
171593	Turkey	653	5	Moderate	Susceptible	7 1/2 x 7 1/2	+++	+
171594	Turkey	654	3	Moderate	Healthy	8 1/2 x 4 1/2	+++	+
171595	Turkey	655	3	Moderate	Susceptible	10 x 7 1/2	+++	+
171596	Turkey	656	5	Moderate	Susceptible	7 1/2 x 6	+++	+
171597	Turkey	657	0	--	---	N.D.	0	+
171598	Turkey	658	9	Moderate	Susceptible	6 1/2 x 4 1/2	++	+
171599	Turkey	659	2	Moderate	Susceptible	8 1/2 x 5	++	+
172812	Turkey	660	8	Light	Susceptible	7 x 6	+++	+
172813	Turkey	661	3	Moderate	Susceptible	N.D.	+++	+
172814	Turkey	662	4	Moderate	Susceptible	5 1/2 x 4 1/2	+++	0
172815	Turkey	663	2	Moderate	Susceptible	N.D.	0	+
172816	Turkey	664	4	Heavy	Healthy	5 x 5	+++	+
172817	Turkey	665	6	Heavy	Susceptible	8 1/4 x 6 1/2	++	+
172818	Turkey	666	2	Moderate	Susceptible	2 1/2 x 2	+	+
172819	Turkey	667	7	Heavy	Susceptible	N.D.	0	+
172820	Turkey	668	4	Moderate	Susceptible	12 x 4 1/2	+++	+
172821	Turkey	669	8	Moderate	Susceptible	3 1/2 x 3 1/2	+++	+
172822	Turkey	670	6	Moderate	Susceptible	3 x 3	++	+
172825	Turkey	671	6	Heavy	Susceptible	N.D.	0	+
172826	Turkey	672	6	Moderate	Susceptible	8 x 4 1/2	+++	+
172827	Turkey	673	5	Moderate	Susceptible	8 1/2 x 3 1/2	++	+
172828	Turkey	674	6	Moderate	Susceptible	14 x 5	+++	+
172829	Turkey	675	9	Moderate	Susceptible	8 x 3 1/2	+++	+
172831	Turkey	676	8	Moderate	Susceptible	14 x 4	+++	+
172832	Turkey	677	7	Moderate	Susceptible	N.D.	++	+
172833	Turkey	678	6	Moderate	Healthy	12 x 6 1/2	+++	+
172834	Turkey	679	8	Heavy	Susceptible	8 x 6	+++	+
172835	Turkey	680	7	Heavy	Susceptible	6 x 6	++	+
172836	Turkey	681	9	Moderate	Susceptible	15 x 5	+++	0
172837	Turkey	682	6	Moderate	Healthy	11 1/4 x 6	+++	+
172850	Turkey	683	5	Moderate	Susceptible	14 x 3 1/2	++	+
173671	India	684	4	Moderate	Susceptible	8 1/2 x 8 1/2	+++	+
173672	India	685	4	Moderate	Healthy	5 1/2 x 5 1/2	+++	+
173673	India	686	3	Moderate	Susceptible	5 1/2 x 5 1/2	+++	+
173676	Turkey	687	6	Moderate	Susceptible	14 1/2 x 4 1/2	+++	+
173677	India	688	9	Moderate	Susceptible	5 x 2	++	+
173891	India	689	6	Light	Susceptible	13 x 5 1/2	++	+

174133	Turkey	690	6	Light	Susceptible	9 1/2 x 5 1/2	++	+
174135	Turkey	691	6	Moderate	Susceptible	N.D.	o	+
174136	Turkey	692	8	Moderate	Susceptible	9 1/2 x 4 1/2	+++	+
174137	Turkey	693	8	Moderate	Healthy	4 1/2 x 3 1/2	+++	+
174138	Turkey	694	8	Moderate	Susceptible	6 x 4 1/2	++	+
174139	Turkey	695	4	Moderate	Healthy	11 x 5 1/2	+++	+
174140	Turkey	696	4	Moderate	Susceptible	9 x 5 1/2	+++	+
174141	Turkey	697	9	Moderate	Susceptible	9 1/2 x 4 1/2	+++	+
174142	Turkey	698	6	Moderate	Susceptible	5 3/4 x 5	++	+
174143	Turkey	699	4	Moderate	Susceptible	N.D.	o	+
174144	Turkey	700	5	Moderate	Susceptible	9 x 6	+++	+
174145	Turkey	701	4	Moderate	Healthy	6 1/2 x 6	++	+
174148	Turkey	702	4	Moderate	Healthy	8 x 4 1/2	++	+
174150	Turkey	703	4	Light	Susceptible	10 1/2 x 7	+++	+
174151	Turkey	704	6	Light	Susceptible	5 x 2 1/2	++	+
174153	Turkey	705	7	Light	Healthy	10 x 4	++	+
174154	Turkey	706	7	Moderate	Susceptible	7 x 6	++	+
174156	Turkey	707	5	Moderate	Susceptible	12 1/2 x 4 1/2	++	+
174157	Turkey	708	4	Moderate	Healthy	14 x 4	+++	+
174158	Turkey	709	6	Moderate	Susceptible	7 x 7	+++	+
174162	Turkey	710	1	Moderate	Susceptible	N.D.	o	+
174165	Turkey	711	3	Moderate	Susceptible	6 1/2 x 6 1/2	+++	+
174168	Turkey	712	8	Moderate	Susceptible	N.D.	o	+
174169	Turkey	713	4	Moderate	Susceptible	10 x 4	++	+
174175	Turkey	714	7	Moderate	Susceptible	N.D.	o	+
174176	Turkey	714 1/2	8	Moderate	Susceptible	9 1/2 x 3	++	+
174814	India	715	3	Light	Healthy	7 1/2 x 4	++	+
174815	India	716	7	Moderate	Susceptible	6 x 5	++	+
175109	Turkey	717	8	Moderate	Susceptible	N.D.	+++	+
175110	Turkey	718	7	Moderate	Susceptible	5 x 4	++	+
175665*	Turkey	719	5	Light	Healthy	11 1/2 x 5	+++	o
175667	Turkey	720	7	Moderate	Healthy	4 1/2 x 3 1/2	++	+
175668	Turkey	721	4	Moderate	Susceptible	5 1/2 x 5 1/2	++	+
175671	Turkey	722	3	Light	Healthy	4 x 4 1/2	++	+
175672	Turkey	723	5	Light	Susceptible	8 1/2 x 3 1/2	++	+
175673	Turkey	724	2	--	Healthy	3 1/2 x 3 1/4	+++	o
175674	Turkey	725	7	Moderate	Susceptible	7 x 3	++	+
175675	Turkey	726	7	Moderate	Susceptible	9 x 5	++	+
175676	Turkey	727	5	Light	Susceptible	6 x 4 1/2	+++	+
175677	Turkey	728	2	Moderate	Susceptible	N.D.	o	+
175678*	Turkey	729	4	Light	Susceptible	5 1/2 x 5 1/2	++	+
175682	Turkey	730	5	Moderate	Susceptible	N.D.	o	+
175684	Turkey	731	2	Moderate	Susceptible	9 x 3 1/4	++	+
175687	Turkey	732	8	Moderate	Susceptible	10 1/2 x 2 3/4	++	+
176502	Turkey	733	6	Heavy	Susceptible	5 1/2 x 5 1/2	++	+
176503	Turkey	734	4	Moderate	Susceptible	4 1/2 x 4 1/2	++	+
176504	Turkey	735	3	Moderate	Susceptible	6 1/2 x 5 1/2	++	+
176505	Turkey	736	3	Light	Susceptible	6 x 4 1/2	+++	+
176506	Turkey	737	9	Moderate	Susceptible	5 x 3	+	+
176507	Turkey	738	3	Moderate	Susceptible	6 1/2 x 5 1/2	+++	+
176508	Turkey	739	7	Heavy	Susceptible	4 1/2 x 3 1/2	++	+
176509	Turkey	740	4	Light	Susceptible	4 1/2 x 3	++	+
176510	Turkey	741	4	Moderate	Susceptible	6 x 5	++	+
176511	Turkey	742	7	Light	Susceptible	5 1/2 x 4	+++	+
176512	Turkey	743	7	Moderate	Susceptible	6 x 5	++	+
176513	Turkey	744	3	Moderate	Susceptible	9 x 9	+++	+
176514	Turkey	745	4	Moderate	Susceptible	9 x 6 1/2	+++	+
176515	Turkey	746	2	Moderate	Susceptible	N.D.	o	+
176925	Turkey	747	9	Moderate	Susceptible	10 x 5	+++	+
176927	Turkey	748	5	Light	Susceptible	9 x 6 1/2	+++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
176928	Turkey	749	5	Light	Susceptible	5 x 4	++	+
176929	Turkey	750	3	Light	Susceptible	3 1/2 x 2	+++	0
176930	Turkey	751	8	Moderate	Susceptible	6 x 5 1/2	++	+
176931	Turkey	752	6	Moderate	Susceptible	4 3/4 x 4	+++	+
176932	Turkey	753	7	Moderate	Susceptible	8 x 5	+++	+
176933	Turkey	754	3	Moderate	Healthy	6 1/2 x 6	+++	+
176934	Turkey	755	6	Moderate	Susceptible	N.D.	++	+
176935	Turkey	756	4	Moderate	Susceptible	7 x 5 1/2	+++	+
176936	Turkey	757	3	Light	Susceptible	N.D.	+++	0
176937	Turkey	758	6	Moderate	Susceptible	3 1/4 x 3 1/4	+++	+
176938	Turkey	759	6	Light	Susceptible	N.D.	++	+
176939	Turkey	760	6	Moderate	Susceptible	N.D.	++	+
176940	Turkey	761	7	Heavy	Susceptible	7 x 7	0	+
176941	Turkey	762	7	Moderate	Susceptible	6 x 5 1/2	+++	+
176942	Turkey	763	9	Moderate	Susceptible	7 1/2 x 6 1/2	+++	+
176943	Turkey	764	3	Moderate	Susceptible	6 1/2 x 4 1/2	+++	+
176944	Turkey	765	3	Moderate	Susceptible	7 x 7	+++	+
176945	Turkey	766	5	Moderate	Susceptible	8 1/2 x 5	+++	+
176946	Turkey	767	5	Moderate	Susceptible	8 x 6	+++	+
176947	Turkey	768	6	Moderate	Susceptible	5 1/2 x 5 1/2	+++	+
176948	Turkey	769	8	Heavy	Susceptible	8 1/2 x 4	++	+
176949	Turkey	770	3	Moderate	Susceptible	11 1/2 x 3 1/4	++	+
176955	Turkey	771	2	Moderate	Susceptible	9 x 4 1/2	++	+
177334	Turkey	772	8	Light	Susceptible	6 1/2 x 5 1/2	++	0
177335	Turkey	773	0	--	--	--	0	0
177336	Turkey	774	2	Moderate	Susceptible	9 x 9	++	+
177337	Turkey	775	2	Light	Healthy	N.D.	++	+
177338	Turkey	776	2	Moderate	Healthy	6 1/2 x 5 1/2	+++	+
177339	Turkey	777	3	Moderate	Healthy	N.D.	0	+
177340	Turkey	778	2	Light	Susceptible	8 1/2 x 6 1/2	+++	0
177341	Turkey	779	3	Light	Susceptible	6 x 6	+++	+
177342	Turkey	780	4	Moderate	Susceptible	N.D.	++	+
177344	Turkey	781	4	Light	Susceptible	7 x 5 1/2	++	+
177345	Turkey	782	4	Moderate	Susceptible	N.D.	0	+
177346	Turkey	783	4	Moderate	Susceptible	N.D.	0	+
177347	Turkey	784	6	Heavy	Susceptible	7 x 6	+++	+
177348	Turkey	785	5	Moderate	Susceptible	7 x 5	++	+
177349	Turkey	786	8	Moderate	Susceptible	8 x 5	++	+
177351	Turkey	787	8	Moderate	Susceptible	6 1/2 x 4	++	+
177352	Turkey	788	1	Moderate	Susceptible	N.D.	0	+
177353	Turkey	789	9	Moderate	Susceptible	11 1/2 x 4 1/2	++	+
177354	Turkey	790	7	Moderate	Susceptible	10 x 5 1/2	+++	+
177355	Turkey	791	8	Moderate	Susceptible	6 1/2 x 6	++	+
177356	Turkey	792	4	Moderate	Susceptible	7 x 5	++	+
177357	Turkey	793	3	--	--	5 1/2 x 5 1/2	++	+
177358	Turkey	794	8	Moderate	Susceptible	6 3/4 x 5	++	+
177362	Turkey	795	4	Moderate	Susceptible	4 x 3 1/2	+++	+
178873	Turkey	796	4	Moderate	Susceptible	9 x 7	+++	+
178880	Turkey	797	9	Moderate	Susceptible	7 x 6	+++	+
178881	Turkey	798	7	Moderate	Healthy	7 x 6 1/2	++	+
178882	Turkey	799	9	Moderate	Susceptible	5 x 3 1/2	+++	+
178883	Turkey	800	9	Moderate	Susceptible	9 1/4 x 5 1/2	+++	+
179245	Turkey	801	4	Moderate	Susceptible	5 1/2 x 4 1/2	++	0
179246	Turkey	802	3	Moderate	Susceptible	N.D.	0	+
179247	Turkey	803	4	Moderate	Susceptible	8 x 6 1/2	++	+
179248***	Turkey	804	6	Moderate	Healthy	8 1/2 x 5	++	+

179249	Turkey	805	3	Moderate	Susceptible	4 1/2 x 2 1/2	++	+
179250	Turkey	806	9	Heavy	Susceptible	7 x 7	++	+
179251	Turkey	807	3	Moderate	Susceptible	5 x 3 1/4	++	+
179252	Turkey	808	3	Moderate	Susceptible	N.D.	o	+
179253	Turkey	809	3	Moderate	Susceptible	6 1/2 x 6 1/2	+++	+
179254	Turkey	810	3	Moderate	Susceptible	N.D.	o	+
179255	Turkey	811	9	Heavy	Susceptible	9 1/2 x 5 1/2	+++	+
179256*	Turkey	812	2	Moderate	Healthy	7 x 5 1/2	+++	+
179257	Turkey	813	4	Moderate	Susceptible	6 1/2 x 4 1/2	++	+
179258	Turkey	814	6	Heavy	Susceptible	6 1/2 x 6 1/2	++	+
179261	Turkey	815	7	Moderate	Susceptible	N.D.	o	+
179262	Turkey	816	7	Moderate	Susceptible	22 x 4	++	+
179666	India	817	8	Moderate	Susceptible	12 x 7	++	+
179667	India	818	9	Heavy	Susceptible	5 1/4 x 5	++	+
179668*	India	819	4	Heavy	Healthy	10 1/2 x 6 1/2	+++	+
179669***	India	820	8	Moderate	Susceptible	12 x 6	++	+
179670	India	821	9	Moderate	Susceptible	12 x 4	+++	+
179671	India	822	9	Moderate	Susceptible	N.D.	++	+
179672	India	823	4	Moderate	Healthy	10 x 5	++	+
179673	India	824	3	Moderate	Susceptible	5 1/2 x 5	++	+
179674	India	825	9	Moderate	Susceptible	10 1/2 x 4	++	+
179675	India	826	6	Moderate	Susceptible	5 x 4	++	+
179677	India	827	9	Moderate	Susceptible	N.D.	+	+
179679	India	828	1	--	Healthy	N.D.	o	+
179680**	India	829	5	Moderate	Healthy	5 x 2	++	+
179887	India	830	4	Moderate	Susceptible	4 3/4 x 2	++	+
179888	India	831	6	Moderate	Susceptible	N.D.	+	+
179890	India	832	7	Light	Susceptible	12 x 4	++	+
179891	India	833	8	Moderate	Healthy	5 x 4 1/2	++	+
179892	India	834	8	Moderate	Healthy	8 1/4 x 6 1/2	++	+
179893	India	835	5	Moderate	Susceptible	11 x 6 1/2	+++	+
179894	India	836	4	Heavy	Susceptible	6 x 5 1/2	++	+
179895	India	837	9	Moderate	Susceptible	6 x 5	++	+
179896	India	838	7	Moderate	Susceptible	5 x 4	++	+
179897	India	839	7	Moderate	Susceptible	5 1/2 x 5	++	+
179898	India	840	9	Moderate	Susceptible	7 1/4 x 4 1/2	++	+
179899	India	841	9	Moderate	Susceptible	6 1/2 x 5 1/2	+++	+
179900	India	842	9	Moderate	Susceptible	12 x 5	+++	+
179901	India	843	6	Moderate	Healthy	7 x 5	++	+
179902	India	844	9	Moderate	Susceptible	10 x 5	++	+
179903	India	845	9	Heavy	Susceptible	8 x 5 1/2	++	+
179904	India	846	9	Moderate	Susceptible	12 1/2 x 9 1/2	+++	+
179905	India	847	8	Moderate	Healthy	12 x 5	+++	+
179906	India	848	5	Moderate	Susceptible	8 x 6 1/4	++	+
179907	India	849	9	Heavy	Susceptible	13 x 5	++	+
179908	India	850	5	Moderate	Susceptible	N.D.	o	+
179909*	India	851	8	Light	Susceptible	8 1/2 x 6 1/2	+++	+
179911	India	852	9	Moderate	Susceptible	12 x 8	+++	+
179912	India	853	7	Light	Susceptible	10 x 7	+++	+
179913	India	854	4	Heavy	Susceptible	5 x 5	++	+
179914	India	855	5	Moderate	Susceptible	8 x 5 1/2	++	+
179915	India	856	9	Moderate	Healthy	4 3/4 x 4 /34	++	+
179916	India	857	7	Moderate	Susceptible	6 x 5 1/2	++	+
179917	India	858	9	Moderate	Susceptible	6 x 3	++	+
179918	India	859	9	Moderate	Susceptible	5 1/2 x 5	++	+
179919	India	860	9	Moderate	Susceptible	14 x 4	+++	+
179920	India	861	6	Heavy	Susceptible	5 x 3	+++	+
179922	India	862	6	Moderate	Susceptible	1 1/8 x 1 3/4	++	+
179923	India	863	2	Light	Healthy	2 x 1 1/2	++	+
180280	India	864	6	Heavy	Susceptible	8 1/2 x 5 1/2	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
180281	India	865	7	Moderate	Susceptible	N.D.	++	+
180283	India	866	4	Light	Susceptible	2 x 1	++	+
180428***	India	867	10	Moderate	Susceptible	15 1/4 x 4 3/4	++	+
180429	India	868	7	Moderate	Susceptible	16 x 5	++	+
180712	India	869	8	Moderate	Susceptible	3 1/2 x 3 1/2	++	+
180713	India	870	8	Heavy	Susceptible	5 x 4 1/2	++	+
181051	India	871	9	Moderate	Susceptible	5 1/2 x 5	++	+
181747	Syria	872	4	Moderate	Susceptible	N.D.	++	0
181748	Syria	873	4	Moderate	Susceptible	5 x 5	++	+
181749	Syria	874	7	Heavy	Susceptible	16 x 8	++	+
181750	Syria	875	3	Moderate	Healthy	10 x 7 1/2	++	+
181754	Lebanon	876	5	Moderate	Susceptible	6 x 6	++	+
181870	Syria	877	3	Moderate	Susceptible	N.D.	++	+
181872	Syria	878	6	Moderate	Healthy	4 1/2 x 4	++	+
181873	Syria	879	7	Moderate	Healthy	6 x 3 1/2	++	+
181875	Syria	880	2	Moderat	Susceptible	8 x 3	++	+
181909	Syria	881	8	Heavy	Susceptible	14 x 7 1/2	++	+
181939	Syria	882	1	--	Healthy	N.D.	0	0
181941	Syria	883	9	Heavy	Susceptible	12 x 6 1/2	++	+
182184	Turkey	884	8	Moderate	Susceptible	6 x 5 1/2	+++	+
182185	Turkey	885	5	Moderate	Susceptible	N.D.	+++	+
182186	Turkey	886	8	Moderate	Healthy	9 1/2 x 4 1/2	+++	+
182187	Turkey	887	3	Moderate	Susceptible	N.D.	0	+
182191	Turkey	888	3	Moderate	Healthy	N.D.	+++	+
182193	Turkey	889	8	Moderate	Susceptible	11 x 4	++	0
182194	Turkey	890	3	Moderate	Susceptible	N.D.	++	0
182773	India	891	3	Heavy	Healthy	8 x 7 1/2	++	+
182936	India	892	1	--	---	N.D.	++	+
182937	India	893	5	Moderate	Susceptible	6 x 3	+++	+
182938	India	894	3	Moderate	Susceptible	8 x 3 1/2	++	+
182939	India	895	3	Heavy	Healthy	7 1/2 x 4	++	+
182940	India	896	6	Moderate	Healthy	9 x 4 1/2	++	+
182941	India	897	6	Moderate	Susceptible	10 x 7 1/2	++	+
182942	India	898	9	Moderate	Susceptible	16 1/4 x 4 1/2	+++	+
182943	India	899	4	Light	Healthy	4 1/2 x 4 1/2	+++	+
182944	India	900	9	Moderate	Susceptible	6 x 4 1/2	++	+
182945	India	901	7	Heavy	Susceptible	9 1/2 x 7	++	+
182946	India	902	5	Light	Susceptible	N.D.	0	+
182947	India	903	6	Heavy	Susceptible	N.D.	++	+
182949	India	904	5	Moderate	Susceptible	8 1/2 x 3 1/2	++	+
182950	India	905	7	Moderate	Susceptible	8 1/2 x 7 3/4	++	+
182951	India	906	7	Light	Susceptible	6 x 5 1/2	++	+
182952	India	907	7	Light	Susceptible	9 x 3 1/2	++	+
182953	India	908	3	Light	Susceptible	4 1/2 x 4 1/2	+++	+
182954	India	909	9	Moderate	Susceptible	9 1/2 x 4 1/2	+++	+
182955	India	910	3	Moderate	Susceptible	8 x 5	++	+
182956	India	911	4	Moderate	Healthy	6 x 6	++	+
182958	India	912	3	Light	Susceptible	4 1/2 x 4	++	+
182959*	India	913	8	Moderate	Susceptible	N.D.	0	+
182964	India	914	5	Moderate	Susceptible	2 1/2 x 1	++	+
183302	India	915	8	Moderate	Susceptible	7 x 4 1/2	++	+
183024	India	916	0	--	---	N.D.	0	+
183025	India	917	3	Moderate	Healthy	8 x 5 1/2	++	+
183026	India	918	5	Moderate	Susceptible	N.D.	++	+
183027	India	919	9	Heavy	Susceptible	5 1/2 x 2 1/4	+	+
183029	India	920	8	Heavy	Healthy	5 x 5	++	+

183030	India	4	Moderate	Susceptible	7 x 6	++	+
183031	India	9	Moderate	Susceptible	9 1/2 x 6	+++	+
183032	India	4	Heavy	Healthy	8 x 4 1/2	++	+
183034	India	8	Heavy	Susceptible	6 1/2 x 6	++	+
183035	India	3	Moderate	Healthy	N.D.	0	+
183036	India	6	Moderate	Susceptible	11 1/2 x 5 1/2	+++	+
183037	India	9	Moderate	Susceptible	N.D.	+++	+
183039	India	7	Moderate	Susceptible	5 x 5	++	+
183040***	India	5	Heavy	Susceptible	N.D.	++	+
183041	India	9	Heavy	Susceptible	3 x 2	+++	+
183042	India	6	Moderate	Susceptible	4 1/2 x 4	++	+
183043	India	6	Moderate	Susceptible	8 x 5 1/2	++	+
183045	India	6	Moderate	Healthy	7 x 5 1/2	++	+
183046	India	2	Moderate	Healthy	6 x 5	++	+
183047	India	4	Heavy	Healthy	N.D.	0	+
183048	India	5	Moderate	Susceptible	N.D.	+	+
183049	India	7	Moderate	Susceptible	No Seed	0	+
183051	India	9	Moderate	Susceptible	8 x 5	++	+
183052	India	5	Moderate	Susceptible	11 x 5	++	+
183053	India	9	Moderate	Susceptible	8 1/2 x 6	++	+
183054***	India	9	Moderate	Healthy	N.D.	++	+
183055	India	5	Light	Healthy	16 x 2 3/4	++	+
183128	India	7	Moderate	Healthy	N.D.	++	+
183220	Egypt	5	Heavy	Healthy	10 x 6 1/2	+++	+
183221	Egypt	6	Moderate	Susceptible	5 1/2 x 2	+	+
183222	Egypt	7	Moderate	Susceptible	7 x 5 1/2	+++	+
183223	Egypt	4	Light	Susceptible	5 1/2 x 4	+++	+
183225	Egypt	4	Heavy	Susceptible	18 1/2 x 7	+++	+
183226	Egypt	9	Moderate	Healthy	11 x 6	+++	+
183227	Egypt	7	Moderate	Susceptible	10 1/2 x 5	+++	+
183228*	Egypt	7	Moderate	Healthy	12 x 7	+++	+
183230	Egypt	8	Moderate	Healthy	12 x 4 1/2	++	+
183254	Arabica	6	Moderate	Susceptible	6 x 5	+++	0
183256	Arabia	7	Moderate	Susceptible	N.D.	+++	+
183257	Arabia	5	Heavy	Susceptible	16 x 8	+++	+
183301	India	8	Moderate	Susceptible	16 x 4	+++	+
183303	India	8	Moderate	Susceptible	6 1/2 x 6 1/4	++	+
183304	India	3	Moderate	Susceptible	8 x 8	++	+
183305	India	6	Moderate	Healthy	7 1/2 x 5 1/4	++	+
183306	India	7	Light	Susceptible	5 x 5	++	+
183307	India	7	Moderate	Susceptible	18 x 8	+++	+
183311	India	5	Light	Healthy	3 1/2 x 1 1/2	++	+
183397	India	6	Moderate	Healthy	N.D.	+	+
183443	India	6	Heavy	Healthy	9 1/2 x 6 1/2	++	0
183444	India	9	Heavy	Susceptible	5 x 5	+++	+
183674	India	6	Moderate	Susceptible	6 1/2 x 5	++	+
183675	India	5	Moderate	Susceptible	9 1/2 x 4 1/2	+++	+
183676	India	9	Moderate	Susceptible	5 1/2 x 4	+++	+
185031	India	8	Moderate	Susceptible	6 1/2 x 6	+++	0
185111	India	2	--	Healthy	1 x 1/2	++	+
190184	Mexico	9	Moderate	Susceptible	N.D.	+++	+
190554	Iraq	7	Moderate	Susceptible	7 x 4	++	+
192939	China	4	Moderate	Susceptible	5 1/2 x 4	++	+
193495	Ethiopia	4	Moderate	Healthy	5 1/2 x 3 1/2	++	+
194052	China	7	Heavy	Susceptible	N.D.	0	+
194053	China	4	Moderate	Susceptible	N.D.	0	+
194054	China	3	Heavy	Susceptible	N.D.	0	+
194055	China	5	Moderate	Susceptible	7 x 5	++	+
194056	China	8	Heavy	Susceptible	N.D.	0	+
194057	China	4	Heavy	Susceptible	11 x 8	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
197076	Spain	980	2	Moderate	Susceptible	6 1/2 x 5 1/2	+++	+
197077	Spain	981	7	Moderate	Healthy	8 x 5	++	+
197078	Spain	982	8	Moderate	Susceptible	8 x 6	+++	+
197079	Spain	983	4	Moderate	Healthy	8 1/2 x 7	+++	+
197891	Virginia	984	2	Moderate	Susceptible	9 1/2 x 3	+++	+
198638	Spain	985	8	Light	Healthy	N.D.	+	+
199097	Iran	986	8	Moderate	Susceptible	9 1/2 x 4	++	+
199681	Iran	987	4	Moderate	Susceptible	9 x 5 1/2	+++	+
199682	Iran	988	7	Moderate	Healthy	11 x 5	+++	+
200177	Spain	989	7	Moderate	Susceptible	7 1/2 x 4 1/2	+++	+
200178	Spain	990	9	Moderate	Susceptible	6 x 4	+++	+
200813	Burma	991	8	Light	Healthy	6 x 4	+++	+
200814	Burma	992	8	Light	Healthy	Sp. 3 1/2 x 3 Op. 6 x 3 1/4	++	+
200816	Burma	993	9	Moderate	Susceptible	5 x 3	++	+
200817**	Burma	994	9	Light	Healthy	9 x 5	++	+
200819**	Burma	995	9	Light	Susceptible	Sp. 3 x 2 Op. 3 1/2 x 2 1/2	++	+
201437	Iran	996	4	Light	Healthy	N.D.	0	+
201581	Portugal	997	5	Moderate	Susceptible	8 x 6	++	+
203978	USA	998	5	Moderate	Susceptible	N.D.	0	+
204691	Turkey	999	2	Moderate	Susceptible	10 x 4	+++	+
207009	Peru	1000	7	Moderate	Susceptible	6 1/2 x 6 1/2	++	+
207658	Japan	1001	5	Moderate	Susceptible	7 1/2 x 7	++	+
207659	Japan	1002	7	Moderate	Susceptible	11 x 6 1/2	0	+
207660	Japan	1003	6	Moderate	Susceptible	7 x 7 1/2	++	+
207661	Japan	1004	4	Heavy	Healthy	10 x 6	+++	+
207662	Japan	1005	4	Moderate	Susceptible	8 x 7 1/2	+++	+
207474	Afghanistan	1006	2	Moderate	Susceptible	N.D.	++	+
207475	Afghanistan	1007	6	Moderate	Susceptible	N.D.	0	+
207477	Afghanistan	1008	5	Heavy	Susceptible	6 x 6	+++	+
207478	Afghanistan	1009	2	Moderate	Susceptible	35 x 2	+++	+
208741	Cuba	1010	9	Moderate	Susceptible	10 x 4	+++	+
208742	Cuba	1011	7	Moderate	Susceptible	8 x 5 1/2	++	+
210076	India	1012	5	Light	Healthy	9 x 6	+++	+
210077	India	1013	6	Light	Susceptible	7 1/2 x 4 1/2	++	+
210541	India	1014	4	Light	Susceptible	N.D.	0	+
210542***	India	1015	9	Light	Healthy	11 x 5	++	+
210768*	Turkey	1016	7	Moderate	Susceptible	7 1/2 x 6	+++	+
211015	Afghanistan	1017	6	Light	Healthy	10 x 6 1/2	++	+
211016	Afghanistan	1018	5	Moderate	Healthy	11 x 8	+++	+
211017	Afghanistan	1019	5	Moderate	Susceptible	9 x 4	+++	+
211018	Afghanistan	1020	4	Moderate	Healthy	9 1/2 x 4	++	+
211019	Afghanistan	1021	7	Heavy	Healthy	12 x 7 1/2	+++	+
211115	Israel	1022	8	Moderate	Susceptible	7 1/2 x 6 1/2	+++	+
211116	Israel	1023	8	Moderate	Susceptible	5 1/2 x 5	++	+
211588	Afghanistan	1024	5	Moderate	Susceptible	5 1/2 x 5 1/2	++	+
211725	Afghanistan	1025	8	Moderate	Healthy	11 x 7	+++	+
211726	Afghanistan	1026	4	--	Susceptible	6 x 3 1/2	+	+
211727	Afghanistan	1027	0	--	---	--	0	+
211853	Iran	1028	1	Light	Susceptible	--	--	+
211854	Iran	1029	6	Moderate	Susceptible	8 x 6	++	+
211855	Iran	1030	6	Moderate	Susceptible	6 1/2 x 6	+++	+
211918	Iran	1031	4	Moderate	Susceptible	6 x 5	+++	+
211920	Iran	1032	7	Moderate	Susceptible	3 3/4 x 3	++	+
211921	Iran	1033	7	Light	Susceptible	6 x 6	+++	+



211922	Iran	1034	3	Light	Susceptible	3 1/2 x 2 1/2	++	+
211923	Iran	1035	8	Moderate	Susceptible	3 1/2 x 3	++	+
211924	Iran	1036	6	Moderate	Susceptible	9 x 7	+++	+
211925	Iran	1037	9	Moderate	Susceptible	6 1/2 x 6 1/2	---	+
211926	Iran	1033	0	--	---	---	---	+
211928	Iran	1039	5	Moderate	Healthy	7 x 4 1/2	++	+
211930	Iran	1040	4	Heavy	N.D.	---	---	+
211932	Iran	1041	4	Moderate	Susceptible	4 x 3	++	+
211933	Iran	1042	6	Light	Healthy	9 1/2 x 6	+++	+
211934	Iran	1043	3	Heavy	Healthy	5 x 4 1/2	+++	+
211935	Iran	1044	9	Moderate	Susceptible	5 x 5	++	+
211936	Iran	1045	7	Moderate	Susceptible	8 1/2 x 6 1/2	+++	+
211937	Iran	1046	4	Moderate	Healthy	4 1/2 x 4 1/2	++	+
211942	Iran	1047	7	Moderate	Susceptible	4 x 2 1/2	++	+
211944	Iran	1048	2	Moderate	Healthy	6 1/2 x 6 1/2	++	+
211945	Iran	1049	0	--	---	---	---	+
211946	Iran	1050	8	Moderate	Susceptible	10 x 4	++	0
211947	Iran	1051	3	Moderate	Susceptible	8 1/2 x 5 1/2	+++	---
211948	Iran	1052	9	Moderate	Susceptible	4 1/2 x 4	++	0
211950	Iran	1053	1	Heavy	Susceptible	---	---	0
211951	Iran	1054	4	Moderate	Healthy	6 x 3	--	+
211955	Iran	1055	1	Moderate	Susceptible	7 1/2 x 4	++	+
211956	Iran	1056	4	Light	Healthy	5 1/2 x 4 1/2	++	+
211957	Iran	1057	3	Moderate	Susceptible	9 x 6 1/2	---	+
211958	Iran	1058	5	Moderate	Susceptible	12 1/2 x 6 1/2	+++	+
211961	Iran	1059	6	Moderate	Susceptible	---	---	+
211963	Iran	1060	0	--	---	---	---	0
211964	Iran	1061	2	Light	Healthy	5 x 2 1/2	+++	+
211965	Iran	1062	6	Moderate	Healthy	5 x 4	+++	+
211966	Iran	1063	4	Light	Susceptible	---	---	+
211969	Iran	1064	4	Moderate	Susceptible	---	---	+
211970	Iran	1065	0	--	---	---	---	0
211971	Iran	1066	9	Light	Susceptible	10 1/4 x 6	++	+
211972	Iran	1067	4	Moderate	Susceptible	N.D.	+	+
211973	Iran	1068	4	Moderate	Susceptible	---	---	+
211974	Iran	1069	6	Moderate	Susceptible	4 1/2 x 3 1/2	++	+
211976	Iran	1070	0	--	---	---	---	+
211981	Iran	1071	7	Moderate	Susceptible	---	---	+
211987	Iran	1072	5	Moderate	Susceptible	12 x 2	+	+
212058	Greece	1073	6	Light	Susceptible	5 x 2 3/4	+++	+
212084	Afghanistan	1074	3	Moderate	Healthy	N.D.	+	+
212085	Afghanistan	1075	6	Light	Healthy	9 x 6	+++	+
212086	Afghanistan	1076	4	Moderate	Susceptible	---	---	+
212087	Afghanistan	1077	8	Moderate	Susceptible	12 x 4 1/2	+++	+
212088	Afghanistan	1078	8	Moderate	Susceptible	5 1/2 x 5 1/2	++	+
212089	Afghanistan	1079	4	Moderate	Healthy	6 x 4 1/2	++	+
212090	Afghanistan	1080	4	Moderate	Healthy	10 x 5	++	+
212210	Greece	1081	2	Moderate	Healthy	9 1/2 x 5 1/2	+++	+
212211	Greece	1082	3	Light	Healthy	3 1/2 x 3 1/2	+++	0
212212	Greece	1083	3	Moderate	Healthy	8 x 6	++	+
212213	Greece	1084	3	Light	Healthy	9 x 6	+++	+
212291	Afghanistan	1085	5	Moderate	Susceptible	4 x 3 1/2	++	+
212292	Afghanistan	1086	7	Light	Susceptible	4 1/2 x 4	++	+
212598	Afghanistan	1087	3	Light	Healthy	9 1/2 x 5 1/2	+++	+
212639	Iran	1088	5	Moderate	Healthy	5 x 2	+++	+
212803	India	1089	9	Moderate	Healthy	4 x 1 3/4	+	+
212895	India	1090	9	Moderate	Susceptible	16 x 6	++	+
212897*	India	1091	7	Light	Healthy	2 1/2 x 1 1/2 Sp.	++	+
213185	Greece	1092	2	Moderate	Susceptible	17 x 4 1/2	++	+
213247	India	1093	6	Heavy	Healthy	3 1/2 x 2	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory	No. of Plants Observed	Ratings			Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt	Harvested		Remnant	
214048	India	1094	6	Moderate	Susceptible	7 1/2 x 7	++	+	
214050	India	1095	8	Moderate	Susceptible	4 1/2 x 2	+++	+	
214154*	India	1096	8	Moderate	Susceptible	8 1/2 x 4	++	+	
214318	India	1097	9	Moderate	Susceptible	8 x 6	+++	+	
216030	India	1098	8	Moderate	Susceptible	4 1/2 x 4 1/2	++	+	
217524	Pakistan	1099	7	Heavy	Susceptible	9 x 6 1/2	+++	+	
217523	Pakistan	1100	8	Moderate	Susceptible	8 x 4 1/2	+++	+	
217525	Pakistan	1101	8	Moderate	Susceptible	5 1/2 x 5	++	+	
217526	Pakistan	1102	6	Light	Healthy	4 1/2 x 4 1/2	++	+	
217599	India	1103	6	Moderate	Susceptible	--	--	+	
217942	Pakistan	1104	9	Light	Susceptible	9 1/2 x 5 1/2	++	+	
217943	Pakistan	1105	3	Light	Susceptible	N.D.	--	+	
217944	Pakistan	1106	5	Moderate	Susceptible	7 1/2 x 3 1/4	++	+	
217945	Pakistan	1107	6	Moderate	Susceptible	5 x 5	++	+	
217974	D. Republic	1108	8	Light	Susceptible	9 x 5 1/2	+++	+	
218070	Pakistan	1109	8	Moderate	Susceptible	23 x 5	++	+	
218071	Afghanistan	1110	9	Moderate	Susceptible	11 x 4 1/2	++	+	
218234	Afghanistan	1111	4	Heavy	Susceptible	10 1/2 x 6	+++	+	
218235	Afghanistan	1112	6	Heavy	Susceptible	10 x 7 1/2	+++	+	
218236	Afghanistan	1113	6	Moderate	Susceptible	8 1/2 x 5 3/4	++	+	
218237	Afghanistan	1114	6	Moderate	Healthy	10 x 6 1/4	+++	+	
220170	Afghanistan	1115	4	Light	Healthy	26 x 3 1/2	++	+	
220515	Afghanistan	1116	9	Heavy	Healthy	9 1/2 x 5	+++	+	
220651	Afghanistan	1117	8	Heavy	Healthy	7 x 4 1/2	++	0	
220652	Afghanistan	1118	6	Moderate	Healthy	--	--	+	
220653	Afghanistan	1119	4	Heavy	Susceptible	N.D.	++	+	
220654	Afghanistan	1120	4	Moderate	Susceptible	5 1/2 x 4	++	+	
220655	Afghanistan	1121	7	Moderate	Susceptible	7 x 5	++	+	
220781	Afghanistan	1122	3	Heavy	Healthy	N.D.	+	+	
220782	Afghanistan	1123	2	Moderate	Healthy	5 1/2 x 6	+++	+	
220784	Afghanistan	1124	2	Moderate	Healthy	9 1/2 x 5 1/2	+++	+	
220785	Afghanistan	1125	2	Moderate	Healthy	--	--	+	
220786	Afghanistan	1126	2	Moderate	Healthy	12 x 6	+++	+	
220787	Afghanistan	1127	5	Moderate	Susceptible	6 1/2 x 6	+	+	
220788	Afghanistan	1128	5	Heavy	Susceptible	--	--	+	
221438	Afghanistan	1129	2	Moderate	Susceptible	--	--	+	
221439	Afghanistan	1130	3	Moderate	Susceptible	--	--	+	
222096	Afghanistan	1131	3	Light	Healthy	5 x 3	++	+	
222097	Afghanistan	1132	8	Moderate	Susceptible	8 x 6 1/2	+++	+	
222098	Afghanistan	1133	9	Moderate	Susceptible	7 1/2 x 5 1/2	+++	+	
222138	Africa	1134	5	Moderate	Susceptible	14 x 5 1/2	+++	+	
222186	Afghanistan	1135	1	Moderate	Healthy	--	--	+	
222241	Iran	1136	7	Moderate	Susceptible	10 1/2 x 7	+++	+	
222242	Iran	1137	0	--	--	--	--	0	
222589	Iran	1138	8	Moderate	Susceptible	5 3/4 x 4 3/4	++	+	
222716	Iran	1139	5	Moderate	Susceptible	5 1/2 x 5 1/2	++	+	
222717	Iran	1140	5	Moderate	Susceptible	4 x 4	++	+	
222718	Iran	1141	6	Moderate	Healthy	6 1/2 x 4 1/2	+++	+	
222719	Iran	1142	3	Moderate	Healthy	6 1/2 x 5	+++	+	
222780	Iran	1143	4	Heavy	Susceptible	4 x 3 1/2	+++	+	
222781	Iran	1144	9	Heavy	Susceptible	4 1/4 x 3 1/4	+++	+	
222980	Iran	1145	0	--	--	16 1/2 x 5	+++	0	
222981	Iran	1146	3	Moderate	Susceptible	--	--	0	
222982	Iran	1147	7	Moderate	Susceptible	6 1/2 x 4 3/4	+++	+	
222983	Iran	1148	3	Moderate	Susceptible	5 1/2 x 5 1/2	+++	+	
222984	Iran	1149	7	Moderate	Healthy	7 1/2 x 4	++	+	

223349	Iran	1150	2	Moderate	Healthy	--	3 1/2 x 3   8/7 Bad	++	+
223350	Iran	1151	9	Moderate	Susceptible	++	6 x 5   8/14 Seed	++	+
223351*	Iran	1152	7	Light	Healthy	++	5 1/2 x 5	++	+
223434	Afghanistan	1153	4	Moderate	Susceptible	+++	9 x 4	+++	+
223435	Afghanistan	1154	4	Moderate	Healthy	+++	5 x 4	+++	+
223636	Iran	1155	6	Heavy	Susceptible	++	10 x 6	++	+
223637	Iran	1156	5	Moderate	Susceptible	+++	12 x 6	+++	+
223638	Iran	1157	5	Heavy	Susceptible	---		---	+
223767	Afghanistan	1158	8	Heavy	Susceptible	+++	8 x 8	+++	+
223768	Afghanistan	1159	8	Heavy	Susceptible	++	7 1/2 x 6 1/2	++	+
223770	Afghanistan	1160	9	Heavy	Healthy	++	5 x 4	++	+
223772	Afghanistan	1161	5	Moderate	Susceptible	++	4 x 4	++	+
224554	Iran	1162	4	Moderate	Susceptible	++	6 1/2 x 3	++	+
224556	Iran	1163	2	Light	Susceptible	---		---	0
224557	Iran	1164	7	Moderate	Susceptible	++	9 x 5	++	+
224558	Iran	1165	5	Moderate	Healthy	+++	5 1/2 x 14	+++	0
224559	Iran	1166	6	Heavy	Susceptible	+++	10 x 4	+++	0
224588	Burma	1167	9	Moderate	Susceptible	+++	17 x 5	+++	+
224769	Africa	1168	9	Moderate	Susceptible	++	4 1/4 x 3 1/2	++	+
224770	Africa	1169	9	Light	Susceptible	++	9 x 6	++	+
224785	Spain	1170	5	Light	Healthy	++	N.D.	++	+
224786	Spain	1171	0	---	---	---		---	0
224787	Spain	1172	1	Light	Healthy	+++	N.D.	+++	--
224788**	Spain	1173	5	Moderate	Susceptible	++	6 1/2 x 6 1/2	++	+
226443	Israel	1174	7	Heavy	Susceptible	+++	8 x 5	+++	+
226444	Israel	1175	5	Moderate	Susceptible	+++	5 1/2 x 4 1/2	+++	+
226462	Iran	1176	3	Moderate	Susceptible	++	7 x 3 1/2	++	+
226507	Iran	1177	7	Moderate	Susceptible	+++	6 x 5	+++	+
226508	Iran	1178	5	Moderate	Susceptible	---		---	+
226635	Iran	1179	6	Moderate	Healthy	++	6 1/2 x 4 1/2	++	+
227234	Iran	1180	7	Moderate	Susceptible	++	3 1/2 x 2 1/2	++	0
227236	Iran	1181	4	Moderate	Susceptible	---		---	+
227504	Iran	1182	3	Moderate	Healthy	---		---	+
227662	Iran	1183	2	Moderate	Healthy	---	9 1/2 x 2 1/2	---	+
227663	Iran	1184	4	Light	Susceptible	++	N.D. (seed not dev.)	++	0
228343	Iran	1185	8	Moderate	Susceptible	++	9 1/4 x 6	++	+
229303	Iran	1186	4	Moderate	Susceptible	+++	10 1/2 x 6 1/2	+++	+
229304	Iran	1187	2	Moderate	Susceptible	++	12 1/2 x 3 1/2	++	+
229305	Iran	1188	5	Heavy	Susceptible	---		---	+
229306	Iran	1189	5	Heavy	Healthy	---		---	+
229307	Iran	1190	8	Moderate	Healthy	+++	9 x 7	+++	0
229308	Iran	1191	6	Moderate	Susceptible	+++	10 x 4 1/2 (seed not dev)	+++	+
229554	Spain	1192	9	Heavy	Susceptible	---	14 1/2 x 4 1/2	---	+
229555	Spain	1193	2	Light	Healthy	+++	6 1/2 x 4 1/2	+++	0
229565**	Iran	1194	5	Moderate	Susceptible	+++	8 x 6 1/2	+++	+
229687*	Iran	1195	6	Moderate	Susceptible	++	6 x 5 1/2	++	0
229750	Iran	1196	4	Light	Susceptible	+++	10 x 7	+++	+
229751	Iran	1197	2	Moderate	Healthy	++	N.D.	++	+
229807	Africa	1198	8	Moderate	Susceptible	++	5 x 5	++	+
230184	Iran	1199	8	Light	Susceptible	++	8 x 4 1/2	++	+
230185*	Iran	1200	7	Moderate	Susceptible	++	7 x 5 1/2	++	+
230186	Iran	1201	9	Heavy	Susceptible	++	6 1/2 x 4	++	+
231130	Turkey	1202	7	Heavy	Healthy	+++	7 x 4	+++	+
234288	Spain	1203	6	Heavy	Susceptible	++	6 1/4 x 6	++	+
234606	Africa	1204	4	Heavy	Healthy	++	8 x 4 1/2	++	+
234607	Africa	1205	3	Heavy	Susceptible	+++	7 1/2 x 6	+++	+
236355	USA	1206	5	Moderate	Susceptible	+++	5 x 5	+++	+
237109	Spain	1207	6	Moderate	Susceptible	+++	5 x 4 1/2	+++	+
237257	Turkey	1208	2	Moderate	Susceptible	+++	12 x 3	+++	+
			5	Light	Susceptible	+++	12 x 3	+++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available Harvested	Remnant
				St. C. Beetle	Bacterial Wilt			
237258	Turkey	1209	4	Moderate	Susceptible	--	--	+
241690	Equador	1210	5	Moderate	Healthy	7 x 7	++	+
242907	Afghanistan	1211	4	Moderate	Susceptible	8 x 4 1/2	++	+
244713	USA	1212	5	Moderate	Healthy	4 x 3	++	+
244714	Turkey	1213	4	Moderate	Susceptible	5 1/2 x 3 1/2	++	+
245735	Turkey	1214	9	Moderate	Susceptible	8 x 4 1/2	+++	+
246929	Afghanistan	1215	8	Moderate	Susceptible	5 x 5	+++	+
247401	Greece	1216	3	Heavy	Susceptible	N.D.	++	+
247402	Greece	1217	4	Light	Healthy	--	--	+
247403	Greece	1218	4	Light	Susceptible	8 x 6	--	+
247894	USSR	1219	7	Moderate	Susceptible	19 x 7	+++	+
247957	Finland	1220	8	Light	Susceptible	7 x 6	++	+
249560	Thailand	1221	9	Moderate	Susceptible	10 x 4 1/2	++	+
250109	N. America	1222	7	Moderate	Susceptible	5 1/2 x 3 1/2	++	+
251516	Iran	1223	5	Moderate	Susceptible	6 1/2 x 6	++	+
251517	Iran	1224	3	Light	Healthy	--	--	+
251518	Iran	1225	5	Moderate	Healthy	21 x 3	+	+
251521	Iran	1226	6	Moderate	Susceptible	9 1/2 x 4	+++	+
251778	USSR	1227	8	Moderate	Susceptible	4 x 3	+++	+
253500	Pakistan	1228	1	Light	Healthy	4 x 4	++	+
254551	Afghanistan	1229	3	Moderate	Susceptible	6 x 6	+++	+
254695	USSR	1230	6	Heavy	Susceptible	5 1/2 x 5	+++	0
254715	Pakistan	1231	2	Moderate	Susceptible	--	--	+
255478	Korea	1232	9	Moderate	Susceptible	--	--	+
255479	Korea	1233	8	Moderate	Susceptible	6 1/2 x 5	+++	+
255663	Afghanistan	1234	3	Light	Susceptible	15 x 4	+++	+
257285	Spain	1235	5	Moderate	Healthy	10 x 6	+++	+
257502	USSR	1236	4	Moderate	Susceptible	6 1/2 x 4 1/2	++	+
258353	Turkey	1237	3	Moderate	Susceptible	--	--	+
260649	USSR	1238	9	Heavy	Susceptible	8 1/2 x 5	+++	+
260651	USSR	1239	7	Moderate	Susceptible	15 x 6	+++	+
261127	USSR	1240	6	Moderate	Susceptible	--	--	+
261644	Netherlands	1241	9	Moderate	Susceptible	5 1/2 x 5	+	+
261750	Afghanistan	1242	6	Moderate	Susceptible	4 1/2 x 3	+	+
261751	Afghanistan	1243	5	Moderate	Susceptible	--	--	+
261752	Afghanistan	1244	2	Moderate	Susceptible	6 1/2 x 6	+++	+
261760	Belgium	1245	6	Moderate	Susceptible	6 x 4 1/2	++	+
261778	France	1246	6	Moderate	Healthy	5 x 5	++	+
261779	France	1247	6	Moderate	Susceptible	9 1/2 x 7	+++	+
262169	France	1248	5	Moderate	Susceptible	6 x 6	++	+
263397	Iran	1249	1	--	Healthy	--	--	+
263399	Iran	1250	1	Light	Susceptible	5 1/2 x 4 1/2	++	0
263401	Iran	1251	3	Heavy	Healthy	8 1/2 x 5	+++	+
263403	Iran	1252	1	Moderate	Healthy	12 x 6 1/2	+++	0
263404	Iran	1253	5	Moderate	Susceptible	21 1/2 x 4 1/2	++	+
263405	Iran	1254	5	Moderate	Susceptible	24 x 4	++	+
263868	Greece	1255	5	Moderate	Susceptible	6 1/2 x 3 1/2	++	+
266928*	Japan	1256	8	Light	Susceptible	5 1/2 x 3 1/2	++	+
266929	Japan	1257	7	Moderate	Susceptible	2 3/4 x 2 1/2	++	+
266930	Japan	1258	8	Moderate	Susceptible	3 3/4 x 3 1/2	++	+
266931	Japan	1259	7	Moderate	Susceptible	6 1/2 x 4 1/2	+++	+
266932	Japan	1260	9	Moderate	Susceptible	4 1/2 x 3 3/4	++	+
266933	Japan	1261	6	Moderate	Susceptible	5 1/2 x 3 1/2	++	+
266934	Japan	1262	6	Moderate	Susceptible	N.D.	++	+
266935	Japan	1263	6	Moderate	Susceptible	11 x 5	++	+
266936	Japan	1264	9	Moderate	Susceptible	10 x 4 1/2	++	+

266937	Japan	1265	7	Moderate	Susceptible	12 x 4 1/2	++	+
266938	Japan	1266	8	Moderate	Healthy	7 x 3	++	+
266940	Japan	1267	3	Moderate	Susceptible	5 1/4 x 5 1/4	++	+
266941	Japan	1268	4	Light	Susceptible	4 x 4	+++	+
266942	Japan	1269	4	Moderate	Susceptible	N.D.	+++	+
266943	Japan	1270	7	Moderate	Healthy	7 x 5 1/2	++	+
266944	Japan	1271	7	Moderate	Susceptible	8 x 5	++	+
266945	Japan	1272	9	Moderate	Susceptible	5 x 4	++	+
266946	Japan	1273	5	Moderate	Healthy	10 x 6 1/2	++	+
266947	Japan	1274	3	Moderate	Healthy	6 x 5 1/2	++	+
266948	Japan	1275	9	Moderate	Susceptible	5 x 5	++	+
266949	Japan	1276	9	Moderate	Healthy	7 1/2 x 7	++	+
266950	Japan	1277	8	Moderate	Susceptible	N.D.	++	+
267082	USSR	1278	3	Moderate	Susceptible	7 x 4	++	o
267083	USSR	1279	2	Heavy	Healthy	7 1/2 x 7	+++	+
267084	USSR	1280	8	Moderate	Susceptible	5 1/2 x 5	+++	+
267085	USSR	1281	8	Heavy	Susceptible	6 x 4	++	+
268379	Afghanistan	1282	7	Moderate	Susceptible	8 x 3 1/2	+++	+
268380	Afghanistan	1283	4	Moderate	Susceptible	11 x 4 1/2	+++	+
269352	Taiwan	1284	1	--	Healthy	8 x 6	+++	o
269354	Taiwan	1285	7	Moderate	Healthy	--	--	o
269368	Afghanistan	1286	3	Light	Susceptible	--	--	+
269367	Afghanistan	1287	9	Moderate	Susceptible	10 1/2 x 5	++	+
269474	W. Pakistan	1288	7	Moderate	Susceptible	5 x 4	+++	+
269476	W. Pakistan	1289	8	Heavy	Susceptible	5 x 5	+++	+
269479	W. Pakistan	1290	7	Moderate	Susceptible	6 x 3	+++	+
271267	Iran	1291	2	Light	Healthy	--	--	+
271329	India	1292	9	Light	Susceptible	8 1/2 x 3	++	+
271332	?	1293	7	Moderate	Susceptible	10 1/2 x 3 1/2	+	+
271333	?	1294	5	Heavy	Susceptible	8 x 6	++	+
271335	India	1295	9	Moderate	Susceptible	8 x 6	+++	+
273441	?	1296	8	Moderate	Susceptible	3 1/2 x 3 1/2	+++	+
271755	Spain	1297	3	Moderate	Healthy	9 x 7	+++	+
271756	Spain	1298	3	Moderate	Susceptible	8 1/2 x 7 1/2	++	+
271757	Spain	1299	5	Moderate	Susceptible	5 x 4 1/2	++	+
273437	USA	1300	7	Moderate	Susceptible	3 1/2 x 3	++	+
273438	Switzerland	1301	6	Light	Susceptible	2 1/4 x 2 1/4	++	+
273439	Greece	1302	3	Moderate	Healthy	2 x 2	++	+
273440	?	1303	9	Moderate	Healthy	6 x 6	++	+
273442	Canada	1304	9	Moderate	Susceptible	9 x 7	++	+
274954	Canada	1305	4	Light	Healthy	2 1/2 x 1 1/2	++	+
275633	India	1306	9	Light	Susceptible	7 x 3	++	+
276660	USSR	1307	6	Moderate	Susceptible	22 x 4	+++	+
277280	India	1308	9	Heavy	Susceptible	5 x 4	++	+
277281	India	1309	9	Heavy	Susceptible	14 1/2 x 5 1/2	+++	+
277282	India	1310	8	Moderate	Susceptible	--	--	+
277283	India	1311	9	Moderate	Susceptible	6 1/4 x 6	++	+
277284	India	1312	8	Moderate	Susceptible	9 x 5 1/2	+++	+
278158	Turkey	1313	4	Moderate	Susceptible	10 x 5	+++	+
279367	Turkey	1314	7	Moderate	Susceptible	7 x 4 1/2	+++	+
279470	USSR	1315	9	Moderate	Healthy	6 1/2 x 4 1/2	++	+
279471	Iran	1316	4	Moderate	Susceptible	7 1/2 x 5	++	+
279472	Iran	1317	9	Moderate	Susceptible	7 1/2 x 5	++	o
280078	Israel	1318	4	Moderate	Susceptible	3 x 3	+	+
280079	Israel	1319	5	Light	Susceptible	9 1/2 x 5 1/2	++	+
280080	Israel	1320	8	Moderate	Susceptible	5 x 4 1/2	++	+
280082	Israel	1321	2	Moderate	Susceptible	--	--	+
280548	Israel	1322	5	Moderate	Susceptible	7 x 6	++	+
282448*	S. Africa	1323	9	Moderate	Susceptible	7 1/2 x 3 1/2	++	+
288233	Egypt	1324	4	Moderate	Susceptible	10 x 4 1/2	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings			Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt	Wilt		Harvested	Remnant
288235	Egypt	1325	5	Moderate	Susceptible		5 x 3 1/2	++	+
288236	Egypt	1326	8	Moderate	Susceptible		9 x 4	+++	+
288330	?	1327	9	Moderate	Healthy		18 1/2 x 3 1/2	+	+
288331	?	1328	8	Moderate	Susceptible		N.D.	++	+
288333	India	1329	9	Heavy	Susceptible		4 3/4 x 4 1/2	++	+
288986	Hungary	1330	7	Moderate	Susceptible		4 x 3	+++	+
288988	Hungary	1331	4	Light	Healthy		7 x 5 1/2	+++	+
288989	Hungary	1332	6	Moderate	Susceptible		5 1/2 x 5	--	+
289868**	Iran	1333	4	Moderate	Susceptible		6 1/2 x 1 1/2	+++	+
289869	Iran	1334	3	Moderate	Susceptible		5 1/2 x 5 1/2	+++	+
289873	Iran	1335	4	Moderate	Susceptible		12 x 6 1/2	++	+
289874	Iran	1336	4	Light	Healthy		6 x 6	++	+
289875	Iran	1337	3	Moderate	Healthy		N.D.	++	+
289876	Iran	1338	4	Moderate	Healthy		8 x 4	++	+
289877	Iran	1339	4	Moderate	Susceptible		--	--	+
289878	Iran	1340	4	Heavy	Susceptible		6 x 3 1/2	++	+
289879***	Iran	1341	6	Moderate	Susceptible		5 1/2 x 4 1/2	++	+
289880	Iran	1342	3	Moderate	Susceptible		9 x 5 1/2	+++	+
289881	Iran	1343	1	Heavy	Healthy		--	--	0
289882	Iran	1344	7	Moderate	Susceptible		8 1/2 x 4	+	+
289883	Iran	1345	5	Moderate	Susceptible		7 x 6 1/2	+++	+
289884	Iran	1346	3	Moderate	Susceptible		7 x 5	++	+
289885	Iran	1347	6	Heavy	Susceptible		8 1/2 x 7	++	+
289886	Iran	1348	4	Moderate	Susceptible		7 1/2 x 4 1/2	++	+
292007	Israel	1349	9	Moderate	Susceptible		4 1/2 x 4 1/2	++	+
292008	Israel	1350	5	Light	Susceptible		7 x 6 1/2	++	+
292009	Israel	1351	8	Moderate	Susceptible		5 1/4 x 5 1/4	++	+
292310	USSR	1352	5	Moderate	Susceptible		5 x 5	++	+
292311	USSR	1353	6	Moderate	Susceptible		5 x 5	+++	+
292312	USSR	1354	6	Heavy	Susceptible		11 x 5 1/2	+++	+
292313	USSR	1355	5	Moderate	Susceptible		5 1/2 x 4 1/2	++	+
292314	USSR	1356	6	Moderate	Susceptible		6 x 4 1/2	+	+
292315	USSR	1357	8	Moderate	Susceptible		5 1/2 x 5 1/2	+++	+
293350	Peru	1358	4	Moderate	Healthy		7 1/2 x 6	++	+
293788	USSR	1359	6	Moderate	Susceptible		10 1/2 x 5	++	+
293789	USSR	1360	3	Light	Susceptible		11 x 5 1/2	+++	0
293790	USSR	1361	5	Moderate	Healthy		7 x 4 1/2	++	+
293920	USA	1362	4	Moderate	Healthy		7 x 5	++	+
293921	Israel	1363	8	Heavy	Healthy		2 1/2 x 1 3/4	++	+
293922	Turkey	1364	9	Moderate	Susceptible		N.D. (seed empty)	x	+
295341	Australia	1365	8	Light	Susceptible		5 x 4 1/2	++	+
295277	Israel	1366	4	Moderate	Susceptible		7 x 5 1/2	+++	+
296118	Egypt	1367	4	Moderate	Healthy		6 x 4 1/2	++	+
296119	Egypt	1368	5	Moderate	Susceptible		--	--	+
296345**	S. Africa	1369	9	Light	Healthy		Sp. 1 1/4 x 3/4	+	+
296385	Iran	1370	8	Moderate	Susceptible		8 x 5	+++	+
296386	Iran	1371	4	Moderate	Susceptible		6 x 2 1/2	+	+
300954	USA	1372	3	Moderate	Susceptible		6 1/2 x 5	+++	+
300955	Pakistan	1373	6	Moderate	Susceptible		7 x 4 1/2	++	+
302445	India	1374	6	Moderate	Susceptible		9 x 5 1/2	+++	+
302446	India	1375	7	Light	Susceptible		36 x 4	+++	+
304743	El Salvador	1376	8	Moderate	Susceptible		12 x 7	+++	+
304744	El Salvador	1377	9	Moderate	Susceptible		18 x 7	+++	+
304745	El Salvador	1378	8	Moderate	Susceptible		10 x 8 1/2	++	+
304746	El Salvador	1379	9	Moderate	Susceptible		10 x 6	+++	+
304747	El Salvador	1380	7	Moderate	Healthy		8 x 5 1/2	+++	+

306131	Iran	1381	7	Heavy	Healthy	16 x 4	++	+
306132	Iran	1382	3	Moderate	Susceptible	8 x 6 1/2	++	+
306133	Iran	1383	4	Moderate	Healthy	6 x 6	++	+
306134	Iran	1384	4	Heavy	Susceptible	6 1/2 x 5	++	+
306135	Iran	1385	3	Moderate	Susceptible	8 x 6	++	+
306136	Iran	1386	3	Moderate	Susceptible	6 1/2 x 5 (Seed not dev)	x	+
307588	EI Salvador	1387	6	Moderate	Susceptible	11 1/2 x 6	+++	+
307610	Nigeria	1388	6	Moderate	Susceptible	7 x 6 1/2	++	+
313969	USSR	1389	7	Moderate	Susceptible	9 1/2 x 5 1/2	+++	+
313970	USSR	1390	4	Moderate	Susceptible	2 1/2 x 2 1/2	+++	+
313971	USSR	1391	7	Moderate	Susceptible	6 x 3 1/4	++	+
313972	USSR	1392	3	Moderate	Susceptible	--	++	+
313973	USSR	1393	5	Moderate	Susceptible	4 1/2 x 4 1/2	++	+
313974	USSR	1394	5	Moderate	Susceptible	6 x 5	++	+
313975	USSR	1395	8	Moderate	Susceptible	4 1/2 x 4	++	+
313976	USSR	1396	7	Moderate	Susceptible	--	--	+
313977	USSR	1397	3	Moderate	Susceptible	6 x 4 1/2	++	+
313978	USSR	1398	5	Moderate	Susceptible	--	--	+
313979	USSR	1399	3	Heavy	Susceptible	6 1/2 x 5	++	+
313980	USSR	1400	5	Heavy	Susceptible	8 1/2 x 6	++	+
314149	USSR	1401	7	Heavy	Susceptible	14 x 5	+++	+
314150	USSR	1402	3	Heavy	Susceptible	9 x 7 1/2	+++	+
314170	USSR	1403	0	--	--	--	--	0
314179	USSR	1404	0	--	--	--	--	+
314180	USSR	1405	6	Heavy	Susceptible	4 1/2 x 4	--	+
314427	USSR	1406	5	Heavy	Susceptible	3 x 2 1/2	++	+
314653	USSR	1407	4	Heavy	Susceptible	7 1/2 x 5	++	+
314654	USSR	1408	6	Heavy	Susceptible	3 1/2 x 2 1/2	++	+
315399	USSR	1409	8	Moderate	Susceptible	5 1/2 x 5 1/2	++	+
315400	USSR	1410	5	Heavy	Healthy	8 x 5 1/2	+++	+
315401	USSR	1411	4	Moderate	Susceptible	8 1/2 x 4 3/4	+++	+
315402	USSR	1412	6	Heavy	Susceptible	9 x 5 1/2	+++	+
315403	USSR	1413	4	Heavy	Susceptible	--	--	+
315404	USSR	1414	3	Heavy	Susceptible	11 x 7	+++	+
315405	USSR	1415	5	Moderate	Susceptible	8 x 7 1/2	++	+
315406	USSR	1416	3	Moderate	Healthy	7 x 7	++	+
315407*	USSR	1417	7	Light	Susceptible	5 1/2 x 5	++	+
315408	USSR	1418	8	Light	Susceptible	1 1/2 x 1 1/2	++	+
315409	USSR	1419	3	Moderate	Susceptible	6 x 3	+++	+
315410	USSR	1420	9	Moderate	Susceptible	4 x 3 1/2	++	+
318653	USA	1421	9	Moderate	Susceptible	--	--	+
319213	U.S. Republic	1422	2	Moderate	Healthy	N.D.	++	+
319214	?	1423	3	Moderate	Susceptible	13 x 3	++	+
319215	?	1424	5	Heavy	Healthy	17 x 5	++	+
319217	?	1425	9	Moderate	Healthy	--	--	0
319218	?	1426	6	Light	Susceptible	7 1/2 x 7	++	+
320993	Canada	1427	5	Moderate	Susceptible	4 x 2 1/2	++	+
321004	Taiwan	1428	6	Moderate	Susceptible	5 1/2 x 4 1/2	++	+
321005	Taiwan	1429	8	Moderate	Susceptible	14 x 4	++	+
323316	India	1430	5	Moderate	Healthy	5 x 4 1/2	++	+
323427	Austria	1431	6	Moderate	Healthy	--	--	+
323498	USSR	1432	3	Light	Healthy	--	--	+
323499	USSR	1433	7	Moderate	Healthy	--	--	+
323937	Afghanistan	1434	7	Heavy	Healthy	10 x 5	++	+
324525	Afghanistan	1435	5	Moderate	Healthy	12 1/2 x 7	+++	+
325281	USSR	1436	4	Heavy	Healthy	6 1/2 x 6	+++	+
330963	Afghanistan	1437	2	Moderate	Susceptible	--	--	+
344068	Turkey	1438	7	Heavy	Susceptible	12 x 3	+	+
344069	Turkey	1439	8	Moderate	Susceptible	18 x 4 1/2	+++	+
344302	Turkey	1440	4	Moderate	Susceptible	11 1/2 x 6	+++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
344303	Turkey	1441	4	Moderate	Susceptible	N.D.	+++	+
344305	Turkey	1442	6	Moderate	Susceptible	N.D.	+++	+
344306	Turkey	1443	2	--	Susceptible	9 x 6 1/2	+++	0
344307	Turkey	1444	9	Moderate	Susceptible	6 1/4 x 5 1/2	+++	+
344308	Turkey	1445	7	Moderate	Susceptible	7 x 6	+++	+
344309	Turkey	1446	7	Moderate	Susceptible	9 1/2 x 8	+++	+
344310	Turkey	1447	9	Heavy	Susceptible	6 x 5 1/2	+++	+
344311	Turkey	1448	9	Heavy	Susceptible	4 1/2 x 4 1/2	+++	+
344312	Turkey	1449	5	Moderate	Susceptible	7 x 6	+++	+
344313	Turkey	1450	9	Moderate	Susceptible	N.D.	+++	+
344314	Turkey	1451	8	Moderate	Susceptible	8 x 4 1/2	+++	+
344315	Turkey	1452	1	Moderate	Susceptible	8 x 6	+++	0
344316	Turkey	1453	8	Moderate	Susceptible	7 x 2 1/2	+++	+
344317	Turkey	1454	6	Moderate	Susceptible	3 x 3	+++	+
344318	Turkey	1455	5	Moderate	Susceptible	8 x 7	+++	+
344319	Turkey	1456	7	Moderate	Susceptible	4 1/2 x 4	+++	+
344320	Turkey	1457	6	Moderate	Susceptible	N.D.	+++	+
344321	Turkey	1458	9	Moderate	Susceptible	10 x 7	+++	+
344322	Turkey	1459	3	Light	Susceptible	8 1/2 x 5	+++	+
344323	Turkey	1460	6	Moderate	Susceptible	7 1/2 x 6 1/2	+++	+
344325	Turkey	1461	3	Moderate	Susceptible	6 1/2 x 6	+++	+
344326	Turkey	1462	3	Heavy	Susceptible	4 x 4	+++	+
344327	Turkey	1463	1	Moderate	Healthy	--	--	0
344328	Turkey	1464	3	Moderate	Susceptible	14 x 5	+++	0
344329	Turkey	1465	0	--	--	--	--	0
344330	Turkey	1466	5	Moderate	Susceptible	5 1/2 x 4 1/2	+++	+
344331	Turkey	1467	1	--	Susceptible	--	--	0
344332	Turkey	1468	3	Heavy	Susceptible	N.D.	+++	+
344333	Turkey	1469	8	Moderate	Susceptible	9 1/2 x 4	+++	+
344334	Turkey	1470	3	Moderate	Susceptible	4 x 3	+++	+
344335	Turkey	1471	5	Light	Susceptible	10 x 7 1/2	+++	+
344336	Turkey	1472	5	Heavy	Susceptible	14 1/2 x 7	+++	+
344337	Turkey	1473	9	Moderate	Susceptible	13 x 5 1/2	+++	+
344338	Turkey	1474	0	--	--	--	--	+
344339	Turkey	1475	7	Moderate	Susceptible	6 x 5	+++	+
344340	Turkey	1476	8	Moderate	Susceptible	7 1/2 x 5 1/2	+++	+
344341	Turkey	1477	0	--	--	--	--	0
344342	Turkey	1478	5	Moderate	Susceptible	12 x 3 1/2	+++	+
344343	Turkey	1479	1	Moderate	Healthy	12 x 4 1/2	+++	+
344344	Turkey	1480	0	--	Healthy	--	--	+
344345	Turkey	1481	2	Light	Susceptible	2 1/2 x 2	+	0
344346	Turkey	1482	4	Light	Susceptible	5 1/2 x 2	+	0
344396	Iran	1483	1	Moderate	Healthy	--	--	+
344397	Iran	1484	4	Heavy	Healthy	--	--	+
344398	Iran	1485	5	Heavy	Susceptible	5 1/2 x 5 1/2	+++	+
344399	Iran	1486	2	Moderate	Susceptible	6 1/4 x 6 1/4	+++	+
344400	Iran	1487	1	Moderate	Susceptible	3 1/2 x 2 1/2	+	+
344401	Iran	1488	6	Moderate	Susceptible	14 1/2 x 4 1/2	+++	+
344402	Iran	1489	8	Heavy	Susceptible	--	--	+
344403	Iran	1490	7	Moderate	Susceptible	2 1/2 x 2 1/4	+++	+
344404	Iran	1491	9	Heavy	Susceptible	5 x 3	+	+
344405	Iran	1492	2	Moderate	Susceptible	--	--	+
344406	Iran	1493	8	Moderate	Susceptible	7 x 7	+++	+
344407**	Iran	1494	3	Moderate	Healthy	13 x 5 1/2	+++	+
344409	Iran	1495	4	Moderate	Susceptible	--	--	+
344410	Iran	1496	3	Moderate	Susceptible	6 3/4 x 6 1/2	+++	+



344411	Iran	1497	8	Heavy	Susceptible	6 1/2 x 4 1/2	++	+
344412	Iran	1498	1	--	--	4 x 3	+	0-
344413	Iran	1499	2	Moderate	Healthy	6 1/2 x 5 1/2	++	0-
344414	Iran	1500	4	Moderate	Susceptible	11 1/2 x 6	+++	+
344415	Iran	1501	5	Moderate	Susceptible	N.D.	+++	+
344416	Iran	1502	2	Moderate	Susceptible	9 1/2 x 3 1/2	+	+
344417	Iran	1503	3	Moderate	Susceptible	6 x 5	+++	+
344418	Iran	1504	3	--	Susceptible	4 3/4 x 3 1/2	++	+
344419	Iran	1505	1	--	Healthy	--	--	0
344420	Iran	1506	3	Heavy	Susceptible	3 x 3	+	+
344421	Iran	1507	1	Moderate	Healthy	--	--	+
344422	Iran	1508	2	Moderate	Susceptible	--	--	+
344423	Iran	1509	0	--	--	--	--	0
344424	Iran	1510	0	--	--	--	--	0
344425	Iran	1511	3	Moderate	Susceptible	9 x 6 1/2	++	+
344426	Iran	1512	0	--	--	--	--	0
344427	Iran	1513	1	Light	Susceptible	8 x 3 1/2	+	+
344428	Iran	1514	3	Heavy	Susceptible	3 1/2 x 1 1/2	++	+
344429	Iran	1515	8	Light	Susceptible	7 1/2 x 3	++	+
344430	Iran	1516	5	Heavy	Susceptible	8 1/2 x 7	++	+
344431	Iran	1517	5	Moderate	Susceptible	7 x 6 1/2	+++	+
345548	USSR	1518	0	--	--	--	--	0
345550	USSR	1519	7	Moderate	Susceptible	5 x 3 1/2	++	+
345551	USSR	1520	9	Moderate	Susceptible	8 1/2 x 5 1/2	+++	+
346788	USA	1521	5	Moderate	Susceptible	7 x 6 1/2	++	+
346789	USA	1522	6	Moderate	Susceptible	8 x 6 1/2	+++	+
346790	USA	1523	0	--	--	--	--	0
351131	Israel	1524	5	Moderate	Susceptible	N.D.	++	+
351132	Israel	1525	1	--	Healthy	8 x 6	++	0
351133	Israel	1526	3	Moderate	Susceptible	--	--	0
353451	USSR	1527	5	Moderate	Healthy	3 1/2 x 3	+++	+
353452	USSR	1528	8	Moderate	Susceptible	6 1/2 x 4	++	+
353453	USSR	1529	8	Moderate	Susceptible	N.D.	++	+
223436	Afghanistan	1530	6	Moderate	Susceptible	--	--	+
353454***	USSR	1531	4	Moderate	Healthy	5 1/2 x 5 1/2	++	+
355048	Iran	1532	1	Moderate	Healthy	10 x 6	+++	0
355049	Iran	1533	8	Moderate	Susceptible	7 1/2 x 6 1/2	+++	0
355050	Iran	1534	3	Moderate	Healthy	--	--	0
355056	Greece	1535	1	Light	Healthy	--	--	+
355715	Israel	1536	9	Moderate	Susceptible	5 1/2 x 5	++	+
357152	Peru	1537	3	Moderate	Susceptible	7 x 6 1/2	+++	+
357755	Yugoslavia	1538	1	Moderate	Healthy	--	--	0
357756	Yugoslavia	1539	6	Heavy	Healthy	--	--	+
357757	Yugoslavia	1540	6	Heavy	Susceptible	7 x 7	+++	+
357758	Yugoslavia	1541	7	Moderate	Susceptible	4 3/4 x 2 1/2	++	+
357759	Yugoslavia	1542	8	Moderate	Susceptible	8 x 6	++	+
357760	Yugoslavia	1543	6	Heavy	Susceptible	7 1/2 x 6	+++	+
357761	Yugoslavia	1544	2	Moderate	Susceptible	--	--	+
357762	Yugoslavia	1545	5	Moderate	Susceptible	5 x 5	++	+
357763	Yugoslavia	1546	7	Moderate	Healthy	7 x 7	+++	0
357764	Yugoslavia	1547	5	Moderate	Susceptible	5 x 4	+++	+
357765	Yugoslavia	1548	6	Moderate	Susceptible	N.D.	++	+
357766	Yugoslavia	1549	3	Moderate	Susceptible	8 x 6 1/2	+++	+
357767	Yugoslavia	1550	4	Moderate	Healthy	7 x 6 3/4	+	+
357768	Yugoslavia	1551	3	Moderate	Susceptible	6 1/2 x 5	--	+
357770	Yugoslavia	1552	4	Moderate	Healthy	--	--	0
357771	Yugoslavia	1553	0	--	--	--	--	0
357772	Yugoslavia	1554	7	Heavy	Susceptible	N.D.	++	+
357773	Yugoslavia	1555	6	Moderate	Susceptible	11 x 7	+++	+
357774	Yugoslavia	1556	7	Moderate	Susceptible	12 x 8 1/2	+++	+

Variety or Plant Introduction No.	Seed Origin	Inventory	No. of Plants Observed	Ratings		Fruit Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
357775	Yugoslavia	1557	9	Moderate	Susceptible	9 x 7	+++	+
357776	Yugoslavia	1558	7	Heavy	Susceptible	5 1/2 x 5	++	+
357777	Yugoslavia	1559	5	Moderate	Susceptible	5 x 3 3/4	++	+
357778	Yugoslavia	1560	8	Moderate	Susceptible	8 x 6	+++	+
357780	Yugoslavia	1561	9	Moderate	Susceptible	8 x 6 1/2	+++	+
357782	Yugoslavia	1562	9	Moderate	Susceptible	8 x 6 1/2	+++	+
357783	Yugoslavia	1563	9	Light	Susceptible	3 x 3	+++	+
357784	Yugoslavia	1564	6	Moderate	Susceptible	9 x 7	+++	+
357785	Yugoslavia	1565	5	Moderate	Susceptible	6 x 5	+++	0
357786	Yugoslavia	1566	9	Moderate	Susceptible	7 1/2 x 6	+++	+
357787	Yugoslavia	1567	2	Light	Healthy	--	--	0
357788	Yugoslavia	1568	4	Light	Healthy	--	--	+
357789	Yugoslavia	1569	3	Moderate	Susceptible	10 x 7 1/2	+++	+
357790	Yugoslavia	1570	1	Light	Healthy	--	--	0
357791	Yugoslavia	1571	0	--	--	--	--	0
357792	Yugoslavia	1572	9	Heavy	Susceptible	8 x 6 1/2	+++	+
357795	Yugoslavia	1573	0	--	--	--	--	0
357796	Yugoslavia	1574	7	Moderate	Susceptible	--	--	+
357797	Yugoslavia	1575	2	Heavy	Healthy	8 1/2 x 5 1/2	+++	+
357798	Yugoslavia	1576	8	Moderate	Susceptible	6 x 4 1/2	++	+
357800	Yugoslavia	1577	7	Moderate	Susceptible	5 x 4	++	+
357801	Yugoslavia	1578	3	Moderate	Susceptible	--	--	+
357803	Yugoslavia	1579	7	--	Susceptible	8 1/2 x 8 1/2	+++	+
357804	Yugoslavia	1580	8	Moderate	Susceptible	9 x 7	+++	+
357805	Yugoslavia	1581	9	Moderate	Susceptible	5 1/2 x 5 1/2	+++	+
357806	Yugoslavia	1582	8	Moderate	Susceptible	5 1/2 x 5	++	+
357807	Yugoslavia	1583	6	Heavy	Healthy	--	--	+
357812	Yugoslavia	1584	2	Moderate	Susceptible	N.D.	++	0
357814	Yugoslavia	1585	7	Moderate	Susceptible	7 x 6	++	+
357815	Yugoslavia	1586	8	Moderate	Susceptible	6 x 3	++	+
357816	Yugoslavia	1587	9	Moderate	Susceptible	--	--	+
357817	Yugoslavia	1588	9	Heavy	Susceptible	5 3/4 x 4 1/4	++	+
357819	Yugoslavia	1589	5	Moderate	Susceptible	6 1/2 x 5 1/2	++	+
357820	Yugoslavia	1590	5	Moderate	Susceptible	6 1/2 x 5	+++	+
357821	Yugoslavia	1591	5	Heavy	Susceptible	5 x 4 1/2	++	+
357822	Yugoslavia	1592	6	Heavy	Susceptible	10 x 4 1/2	+++	+
357823	Yugoslavia	1593	4	Moderate	Susceptible	--	--	+
357824	Yugoslavia	1594	5	Moderate	Susceptible	7 x 6 1/2	+++	+
357825	Yugoslavia	1595	3	Moderate	Susceptible	2 1/2 x 2	+	+
357826	Yugoslavia	1596	0	--	--	--	--	0
357827	Yugoslavia	1597	7	Moderate	Susceptible	4 1/2 x 3 1/2	++	+
357828	Yugoslavia	1598	4	Moderate	Susceptible	6 1/2 x 3 1/2	++	+
357829	Yugoslavia	1599	9	Moderate	Susceptible	14 x 8	+++	+
358942	India	1600	7	Moderate	Susceptible	--	--	+
360713	Brazil	1601	7	Moderate	Healthy	--	--	+
367746	Brazil	1602	2	Moderate	Healthy	5 1/2 x 3	++	+
368531	Yugoslavia	1603	3	Moderate	Healthy	N.D.	++	+
368532	Yugoslavia	1604	6	Heavy	Susceptible	4 x 3	++	+
368533	Yugoslavia	1605	5	Moderate	Susceptible	9 1/2 x 6 1/2	+++	+
368534	Yugoslavia	1606	7	Moderate	Susceptible	6 x 2 1/2	++	+
368537	Yugoslavia	1607	5	Moderate	Susceptible	N.D.	+	+
368538	Yugoslavia	1608	1	Light	Healthy	6 x 5 1/2	+++	0
368539	Yugoslavia	1609	3	Moderate	Susceptible	6 x 4	+++	+
368542	Yugoslavia	1610	8	Moderate	Susceptible	--	--	+
368544	Yugoslavia	1611	6	Moderate	Susceptible	9 x 6 1/2	+++	+
368545	Yugoslavia	1612	9	Moderate	Susceptible	9 x 6 1/2	+++	+

368546	Yugoslavia	1613	3	Heavy	Susceptible	5 1/2 x 5 1/2	++	+
368547	Yugoslavia	1614	7	Moderate	Susceptible	5 x 3 1/2	++	+
369161	USA	1615	9	Light	Susceptible	9 x 5 3/4	+++	+
370435	Yugoslavia	1616	1	Light	--	--	--	0
370136	Yugoslavia	1617	1	Light	Susceptible	3 1/2 x 2	+	+
370436	Yugoslavia	1618	2	Heavy	Susceptible	10 x 7 1/2	+++	+
370437	Yugoslavia	1619	2	Moderate	Susceptible	6 x 5 1/2	++	+
370438	Yugoslavia	1620	6	Heavy	Susceptible	--	--	+
370439	Yugoslavia	1621	4	Moderate	Susceptible	5 x 3 1/2	+++	+
370440	Yugoslavia	1622	7	Moderate	Susceptible	6 x 5 1/2	+++	+
370441	Yugoslavia	1623	5	Moderate	Susceptible	12 x 8 3/4	+++	+
370442	Yugoslavia	1624	8	Moderate	Susceptible	8 1/2 x 6 1/4	+++	+
370443	Yugoslavia	1625	7	Moderate	Susceptible	5 3/4 x 5 1/2	+++	+
370444	Yugoslavia	1626	9	Moderate	Susceptible	4 x 2 1/2	+++	+
370445	Yugoslavia	1627	6	Heavy	Susceptible	3 1/2 x 3 1/4	+	+
370446	Yugoslavia	1628	6	Moderate	Healthy	--	--	+
374210	USA	1629	7	Light	Susceptible	6 x 5	++	+
374211	USA	1630	5	Moderate	Susceptible	3 3/4 x 3 1/4	++	+
378169	Israel	1631	4	Moderate	Healthy	5 1/2 x 5	++	+
378170	Israel	1632	7	Moderate	Healthy	--	--	+
378171	Israel	1633	8	Moderate	Susceptible	4 1/2 x 4 1/2	++	+
378172	Israel	1634	2	Light	Healthy	4 1/4 x 4 1/4	++	+
378173*	Israel	1635	5	Moderate	Susceptible	N.D.	++	+
378174	Israel	1636	5	Moderate	Susceptible	--	--	+
378557	Afghanistan	1637	4	Moderate	Healthy	3 1/2 x 3 1/2	++	+
378559	Afghanistan	1638	1	--	Healthy	5 x 4 1/2	++	+
G-228-39	USA	1639	9	Heavy	Susceptible	4 x 2 1/2	+++	+
G-228-40	USA	1640	6	Moderate	Healthy	2 1/2 x 1 1/2	+++	+
G-228-41	USA	1641	8	Light	Susceptible	2 x 1 1/2	++	+
Cucumis africanus 203974	S. Africa	1642	9	Light	Healthy	--	--	+
C. africanus 274036	S. Africa	1643	9	Light	Healthy	2 1/4 x 1 1/2	++	+
C. africanus 299569	S. Africa	1644	9	Light	Healthy	2 1/2 x 1 1/2	+++	+
C. africanus 374151	S. Africa	1645	6	Light	Healthy	2 x 1 1/2	++	+
C. anguria 147065	Brazil	1646	9	Moderate	Susceptible	--	--	+
C. anguria 196477	Brazil	1647	9	Moderate	Susceptible	2 1/4 x 1 1/2	+++	+
C. anguria 233646	Ethiopia	1648	7	Moderate	Healthy	2 1/2 x 1 1/2	+++	+
C. anguria 282442	S. Africa	1649	8	Light	Susceptible	2 1/2 x 1 1/2	+++	+
C. anguria 320052	Ethiopia	1650	8	Light	Healthy	2 x 1 1/4	+++	+
C. asper 282443	S. Africa	1651	1	--	Healthy	--	--	+
C. dispaceus	Ethiopia	1652	7	Light	Susceptible	2 x 1 1/4	+++	+
C. dispaceus 236468	Ethiopia	1653	9	Light	Susceptible	3 x 1 1/2	+++	+
C. ficifolius 196844	Ethiopia	1654	8	Light	Healthy	N.D.	++	+
C. ficifolius 273648	Ethiopia	1655	9	Light	Healthy	2 x 1 1/2	+++	+
C. ficifolius 280231	Ethiopia	1656	8	Moderate	Susceptible	8 x 6	+++	+
C. hardwickii 215589	India	1657	1	--	Healthy	3 1/2 x 1 1/2	+++	+
C. heptadactylus 282446	Africa	1658	7	Light	Healthy	6 1/2 x 4	+++	+
C. hookeri	S. Africa	1659	1	--	--	--	--	+
C. leptodermis 193498	Ethiopia	1660	5	Light	Susceptible	1 1/2 x 1	+++	+
C. longipes 249894	Africa	1661	7	Moderate	Healthy	3 1/4 x 1 1/4	+++	+
C. longipes 249895	Africa	1662	2	--	Healthy	--	--	+
C. longipes 249897	Africa	1663	2	Moderate	Healthy	1 1/2 x 1	+	+
C. longipes 364475	S. Africa	1664	8	Light	Healthy	--	--	+
C. membranifolius 273650	Ethiopia	1665	9	Light	Healthy	N.D.	+++	+
C. metuliferus 202681	S. Africa	1666	8	Light	Susceptible	5 x 2 1/2	++	+
C. metuliferus 292190	Transvaal	1667	3	Moderate	Susceptible	3 3/4 x 1 1/2	++	+
C. myriocarpus 203975	S. Africa	1668	9	Moderate	Susceptible	2 x 1 1/4	++	+
C. myriocarpus 203977	S. Africa	1669	9	Moderate	Healthy	1 1/2 x 1	++	+
C. myriocarpus 282447	S. Africa	1670	9	Moderate	Healthy	1 x 3/4	++	+
C. myriocarpus 282449	S. Africa	1671	9	Moderate	Healthy	1 1/4 x 1	++	+
C. myriocarpus 299568	S. Africa	1672	9	--	Susceptible	1 1/4 x 1	++	+

Variety or Plant Introduction No.	Seed Origin	Inventory No.	No. of Plants Observed	Ratings		Size (in.)	Seed Available	
				St. C. Beetle	Bacterial Wilt		Harvested	Remnant
C. myriocarpus 374153	USA	1673	9	Moderate	Susceptible	--	++	+
C. propherotum 193967	Ethiopia	1674	1	--	Healthy	--	+++	+
C. pustulatus 273649	Ethiopia	1675	8	--	Healthy	3 x 2 1/2	+++	+
C. pustulatus 343699	Nigeria	1676	9	Light	Healthy	3 x 2	+++	+
C. pustulatus 343700	Nigeria	1677	9	V. Light	Healthy	3 x 2	+++	+
C. pustulatus 343701	Nigeria	1678	7	Light	Healthy	3 x 2	+++	+
C. sagittatus 282441	S. Africa	1679	2	Light	Healthy	--	--	+
C. sativas 173889	India	1680	8	Moderate	Healthy	--	--	+
C. sativas 183056	India	1681	8	Moderate	Susceptible	--	--	+
C. sativas 211962	Iran	1682	9	Moderate	Susceptible	8 1/4 x 3 3/4	++	+
C. sp. 214050	India	1683	5	Light	Healthy	11 x 4	++	+
C. zeyheri 273192	S. Africa	1684	4	Light	Healthy	1 1/2 x 1 1/2	++	+
C. zeyheri 282450	S. Africa	1685	9	V. Light	Healthy	2 x 1 1/2 Sp.	++	+
C. zeyheri 299568	S. Africa	1686	9	--	Healthy	2 x 1 1/2	++	+
C. zeyheri 299570	Natal	1687	9	Moderate	Healthy	1 1/2 x 1	+	+
C. zeyheri 299571	S. Africa	1688	7	Moderate	Healthy	2 x 1/2	++	+
C. zeyheri 299572	S. Africa	1689	9	Heavy	Healthy	1 1/2 x 1 1/4	++	+
C. zeyheri 315212	S. Africa	1690	8	Moderate	Healthy	2 x 1 1/2	++	+
C. zeyheri 364473	S. Africa	1691	8	Moderate	Healthy	2 1/2 x 1 1/2	++	+
Muskmelon Crenshaw 5278-1-4	Shenandoah, Iowa					2 x 1 1/4	++	+
Field's Daisy 5279-1-4	Iowa, USA	1692	3	Light	Healthy	4 1/2 x 4	++	+++
Field's Giant 5280-1-4	Iowa, USA	1693	5	Moderate	Healthy	--	--	+++
Golden Honey 5283-1-4	Iowa, USA	1694	9	Moderate	Healthy	--	--	+++
Hearts of Gold 5286-1-4	Iowa, USA	1695	3	Light	Healthy	--	--	+++
Pride of Wisconsin 5291-1-4	Iowa, USA	1696	6	Heavy	Susceptible	--	--	+++
Rocky Ford Green Flesh 5293-1-4	Iowa, USA	1697	6	Light	Healthy	--	--	+++
Sweetie Hybrid 5299	Iowa, USA	1698	2	Moderate	Healthy	--	--	+++
246 Delicious 51 Cantaloupe	Iowa, USA	1699	5	Moderate	Susceptible	--	--	o
	Salisbury, MD	1700	9	Light	Susceptible	--	--	+++
Otis Tully Seed Co.								
251-Eden Cantaloupe	O. Tully Seed Co.	1701	8	Moderate	Susceptible	--	--	+++
260 IMP Golden Perfection	O. Tully Seed Co.	1702	9	Moderate	Susceptible	--	--	+++
249 Gulf Stream	O. Tully Seed Co.	1703	9	Heavy	Susceptible	--	--	+++
253 Hales Best.	O. Tully Seed Co.	1704	9	Moderate	Susceptible	--	--	+++
255 Hales Best Jumbo	O. Tully Seed Co.	1705	9	Moderate	Susceptible	--	--	+++
254 Harvest Green	O. Tully Seed Co.	1706	9	Moderate	Healthy	--	--	+++
256 Healey's Pride	O. Tully Seed Co.	1707	9	Moderate	Susceptible	--	--	+++
259 Ironquois	O. Tully Seed Co.	1708	9	Moderate	Susceptible	--	--	+++
258 New Edisto 47	Md. USA	1709	9	Light	Susceptible	--	--	+++
264 Planters Jumbo	Md. USA	1710	9	Light	Healthy	--	--	+++
248 F.R. Queen of Colorado	Md. USA	1711	9	Light	Susceptible	--	--	+++
267 Schoons Hard Shell	Md. USA	1712	9	Moderate	Healthy	--	--	+++
90105 Bulk (90650-660 Bulkred)	USA	1713	5	Moderate	Susceptible	--	--	+++
Dulce	USA	1714	9	Moderate	Susceptible	--	--	+++
Campo	USA	1715	6	Light	Susceptible	--	--	+++
Gulfstream 63-4MI-18-42-M2	USA	1716	9	Light	Susceptible	--	--	+++
Jacumba	USA	1717	8	Light	Healthy	--	--	+++
Perlita (C7050)	USA	1718	9	Moderate	Susceptible	--	--	+++
PMR #5-RF 1955	USA	1719	8	Moderate	Healthy	--	--	+++
PMR #6 Woodside 41267-2613	USA	1720	9	Light	Susceptible	--	--	+++
PMR #8 47156	USA	1721	5	Light	Susceptible	--	--	+++
PMR #45 Woodside 41129-R435	USA	1722	7	Moderate	Healthy	--	--	+++
PMR #450	USA	1723	2	Light	Healthy	--	--	+++
Wescan	USA	1724	7	Light	Healthy	--	--	+++
Golden Honey Moon Honey	Willhite Poolville	1725	7	Moderate	Susceptible	--	--	+++

Dew #94, Hale's Best No. 35	Texas	1726	9	Moderate	Susceptible	--	---	+++
Cantaloupe #36	Texas	1727	8	Moderate	Susceptible	--	---	+++
Hearts of Gold #108 Cantaloupe	Texas	1728	9	Moderate	Susceptible	--	---	+++
Honey Dew #148 (714B)	Texas	1729	9	Light	Susceptible	--	---	+++
Imperial No. 4-50, Mildew	Texas	1730	9	Moderate	Healthy	--	---	+++
Resistant Cantaloupe #91	Texas	1731	9	Heavy	Susceptible	--	---	+++
Iroquois #64 Wilt resistant	Texas	1732	9	Light	Susceptible	--	---	+++
Israel (ogen) Cantaloupe #169	Texas	1733	8	Moderate	Healthy	--	---	+++
Jumbo Hale's Best Cantaloupe #74	Texas	1734	7	Moderate	Susceptible	--	---	+++
New Ideal #28	Texas	1735	9	Moderate	Susceptible	--	---	+++
Old Time Tennessee Muskmelon #30	Texas	1736	8	Moderate	Healthy	--	---	+++
Planters Jumbo #39B	Texas	1737	9	Moderate	Healthy	--	---	+++
Pride of Wisconsin #86	Texas	1738	9	Moderate	Healthy	--	---	+++
Rio Gold #77	Texas	1739	8	Moderate	Healthy	--	---	+++
Rocky Ford (Green Flesh) #101	Texas	1740	9	Moderate	Susceptible	--	---	+++
Schoon's Hardshell #50	Texas	1741	9	Heavy	Susceptible	--	---	+++
Sierra Gold #92	Texas	1742	7	Moderate	Susceptible	--	---	+++
Smith's Perfect #102B	Texas	1743	3	Moderate	Susceptible	--	---	+++
Tam-Dew (Honey Dew)	Field Seed, Iowa	1744	9	Moderate	Susceptible	--	---	+
Muskmelon Banana 5276, 1-4	Harris, Seed	1745	9	Moderate	Susceptible	--	---	+
560 Delicious 51	Rochester, NY							
Hybrid Muskmelon 562	New York							
Gold Star								
563 Harper Hybrid	New York	1746	9	Heavy	Susceptible	--	---	+
565 Harvest Queen	New York	1747	9	Light	Susceptible	--	---	+
569 Iroquois	New York	1748	9	Moderate	Healthy	--	---	+
Hybrid Muskmelon 574 Saticoy	New York	1749	9	Moderate	Healthy	--	---	+
Hybrid Muskmelon 576	New York	1750	9	Moderate	Healthy	--	---	+
Supermarket								
Cantaloupe Seeds (Kansas)	Kansas?	1751	9	Light	Healthy	--	---	++
(Cucumber Beetle resistant)								
Perlita #97	Texas	1752	9	Moderate	Susceptible	--	---	+++
Pollock 10-25 Rocky Ford #35	Willhite Melon	1753	9	Moderate	Healthy	--	---	+++
	Seed-Texas							

\* Good vine late in season  
 \*\* Good vine late in season, poor fruit  
 \*\*\* Good vine late in season, fair fruit  
 \*\*\*\* Good vine late in season, good fruit  
 + Excellent  
 o No seed  
 + Only a few seed  
 ++ Over 100 but less than 300 seed  
 +++ Over 300 seeds  
 N.D. No Data

**U. S. DEPARTMENT OF AGRICULTURE**  
AGRICULTURAL RESEARCH SERVICE  
NORTH CENTRAL REGION  
PIONEER INDUSTRIAL PARK  
2000 WEST PIONEER PARKWAY  
PEORIA, ILLINOIS 61614  
**OFFICIAL BUSINESS**  
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF  
AGRICULTURE  
AGR 101

